ព្រះរាជាណាចក្រកម្ពុជា

ជាតិ សាសនា ព្រះមហាក្សត្រ

Kingdom of Cambodia
Nation Religion King

ក្រសួងឧស្សាហកម្ម វិទ្យាសាស្ត្រ បច្ចេកវិទ្យា និងនវានុវត្តន៍

MINISTRY OF INDUSTRY, SCIENCE, TECHNOLOGY & INNOVATION

ព្រឹត្តិបត្រផ្លូវការ

OFFICIAL GAZETTE

ប្រកាសលើយន្តការគ្រប់គ្រង និង វិញ្ញាបនបត្រប៉ាតង់ និង វិញ្ញាបនបត្រម៉ូដែលប្រើប្រាស់ប្រយោជន៍

PATENT &UTILITY MODEL

Volume 01, 2025

អគ្គនាយកឧស្សាហកម្ម

General Department of Industry

នាយកដ្ឋានកម្មសិទ្ធិឧស្សាហកម្ម

Department of Industrial Property

ការស្នើសុំផ្តល់ប្រកាសនីយបត្រតម្កើកម្ម

និងវិញ្ញាបនបត្រម៉ូដែលមានអត្ថប្រយោជន៍

នៅកម្ពុជា

Application for Grant of Patent & Utility Model Certificate

មាតិការ

ព្រឹត្តិបត្រផ្លូវការ

យោងតាមមាត្រា ១១៩ នៃច្បាប់ស្តីពី ប្រកាសនីយបត្រតក្កកម្ម វិញ្ញាបនបត្រម៉ូដែលមានអត្ថប្រយោជន៍ និងគំនូរ ឧស្សាហក្រសួងឧស្សាហកម្ម វិទ្យាសាស្ត្រ បច្ចេកវិទ្យា និងនវានុវត្តន៍មានតួនាទីចុះផ្សាយនៅក្នុងព្រឹត្តិបត្រផ្លូវការ នូវរាល់ពត៌មាន ស្តីពីការ ស្នើសុំផ្តល់ប្រកាសនីយបត្រតក្កកម្ម វិញ្ញាបនបត្រម៉ូដែលមានអត្ថប្រយោជន៍កម្ពុជា ។

ព្រឹត្តិបត្រនេះត្រូវបានបោះពុម្ពដោយ នាយកដ្ឋានកម្មសិទ្ធិឧស្សាហកម្ម នៃអគ្គនាយកដ្ឋានឧស្សាហកម្ម ក្រសួងឧស្សាហកម្ម វិទ្យាសាស្ត្រ បច្ចេកវិទ្យា និងនវានុវត្តន៍ ដោយអនុលោមតាមប្រការ ២៧ នៃប្រកាសស្តីពី នីតិវិធីផ្តល់ប្រកាសនីយបត្រតក្កកម្ម វិញ្ញាបនបត្រ ម៉ូដែលមានអត្ថប្រយោជន៍។

ការបោះពុម្ពផ្សាយអំពីពត៌មាននៃការដាក់ពាក្យស្នើសុំផ្តល់ប្រកាសនីយបត្រតក្កកម្ម និងវិញ្ញាបនបត្រម៉ូដែលមានអត្ថប្រយោជន៍កម្ពុជា មានគោលបំណងផ្សព្វផ្សាយ ដើម្បីផ្តល់ដល់សាធារណជន ឱ្យបានដឹងថាតក្កកម្មដែលបានចុះផ្សាយនេះ ត្រូវបានដាក់ស្នើសុំការពារសិទ្ធិកម្មសិទ្ធិបញ្ញានៅក្នុងព្រះរាជាណាចក្រកម្ពុជាឬបានផ្តល់ ប្រកាសនីយបត្រតក្កកម្មការពារ តក្កកម្មនៅកម្ពុជាអនុលោម តាមច្បាប់ជាធរមាន ឬដាក់ពាក្យស្នើសុំទាំងនេះត្រូវបានលុបចោលដោយភាព ឬសុំដកយកទៅវិញ ។ ដូចនេះសាធារណជនអាចយល់ដឹងបានថាតក្កកម្មទាំងនេះមិនត្រូវបានអនុញ្ញាតឱ្យលួចចម្លង ឬយកទៅធ្វើអាជីវកម្មតាមវិធីណាមួយដោយគ្មានការយល់ព្រមពីម្ចាស់សិទ្ធិបានឡើយ។សាធារណជនអាចធ្វើការប្តឹងជំទាស់ចំពោះពាក្យសុំណាដែលមិនសម ស្រប ឬមិនដាក់លាក់។

ព្រឹត្តិបត្រនេះត្រូវបានបោះពុម្ពជា គឺ ភាសាខ្មែរ តែក៏មានប្រើប្រាស់ភាសាអង់គ្លេស ផងដែរ។ ព្រឹត្តបត្រនេះត្រូវបានចែកចេញជាពីរផ្នែកគឺ ៖

១-ការស្នើសុំផ្តល់ប្រកាសនីយបត្រតក្កកម្មកម្ពុជា

១.១ ការបោះពុម្ពប្រភេទ **ក**

គឺជាការបោះពុម្ពផ្សាយសង្ខេបនូវសំណុំលិខិតស្នើសុំដែលបានដាក់ពាក្យស្នើសុំផ្តល់ប្រកាសនីយបត្រតក្កកម្មនៅកម្ពុជា ដោយមិនទាន់បានផ្តល់ប្រកាសនីយបត្រតក្កកម្មនៅកម្ពុជា នៅឡើយ។

១.២ ការបោះពុម្ពប្រភេទ **ខ**

គឺជាការបោះពុម្ពផ្សាយសង្ខេបនូវសំណុំលិខិតស្នើសុំដែលបានដាក់ស្នើសុំផ្តល់ប្រកាសនីយបត្រតក្តកម្មនៅកម្ពុជា ហើយដែលបានផ្តល់ប្រកាសនីយបត្រតក្តកម្មកម្ពុជា។

២-ការស្នើសុំផ្តល់វិញ្ញាបនបត្រម៉ូដែលមានអត្ថប្រយោជន៍កម្ពុជា

២.១ ការបោះពុម្ពប្រភេទ **ក**

គឺជាការបោះពុម្ពផ្សាយសង្ខេបនូវសំណុំលិខិតស្នើសុំដែលបានដាក់ស្នើសុំផ្តល់វិញ្ញាបនបត្រម៉ូដែលមានអត្ថប្រយោជន៍នៅកម្ពុជា ដោយមិនទាន់បានផ្តល់វិញ្ញាបនបត្រម៉ូដែលមានអត្ថប្រយោជន៍នៅកម្ពុជានៅឡើយ។

២.១ ការបោះពុម្ពប្រភេទ **ខ**

គឺជាការបោះពុម្ពផ្សាយសង្ខេបនូវសំណុំលិខិតស្នើសុំដែលបានដាក់ពាក្យស្នើសុំផ្តល់វិញ្ញាបនបត្រម៉ូដែលមានអត្ថប្រយោជន៍នៅកម្ពុជា ហើយដែលបានផ្តល់វិញ្ញាបនបត្រម៉ដែលមានអត្ថប្រយោជន៍កម្ពុជា ។

៣-ការបោះពុម្ពផ្សាយព្រឹត្តិបត្តិផ្លូវការ

នាយកដ្ឋានកម្មសិទ្ធិឧស្សាហកម្ម នឹងបោះពុម្ពផ្សាយនូវព្រឹត្តិបត្រផ្លូវការ សប្តាហ៍ដើមខែរៀងរាល់បីខែម្តង។ នាយកដ្ឋានកម្មសិទ្ធិឧស្សាហកម្ម មានសិទ្ធិគ្រប់គ្រាន់ក្នុងការពន្យាពេលបោះពុម្ពផ្សាយក្នុងករណីចាំបាច់។

ពត៌មានទូទៅ

១-ការដាក់ពាក្យស្នើសុំផ្តល់ប្រកាសនីយបត្រតក្កកម្ម និងវិញ្ញាបនបត្រម៉ដែលមានអត្ថប្រយោជន៍

យោងតាមមាត្រា១៦នៃច្បាប់ស្តីពីប្រកាសនីយបត្រតក្កកម្ម វិញ្ញាបនបត្រម៉ូដែលមានអត្ថប្រយោជន៍និងគំនូរឧស្សាហកម្ម សំណុំលិខិតស្នើសុំផ្តល់ប្រកាសនីយបត្រតក្កកម្មនិងវិញ្ញាបនបត្រម៉ូដែលមានអត្ថប្រយោជន៍ត្រូវដាក់ស្នើសុំនៅ នាយកដ្ឋានកម្មសិទ្ធិឧស្សាហកម្ម ក្រសួងឧស្សាហកម្ម វិទ្យាសាស្ត្រ បច្ចេកវិទ្យានិងនវានុវត្តន៍ ដែលក្នុងនោះរួមមាន ពាក្យសុំ សេចក្តីអធិប្បាយអំពីតក្កកម្ម គំនូរឧស្សាហកម្ម ប្រសិនបើចាំបាច់ និងខ្លឹមសារសង្ខេប និងមានការបង់កម្រៃ ។

យោងតាមមាត្រា១៧នៃច្បាប់ស្តីពីប្រកាសនីយបត្រតក្កកម្ម វិញ្ញាបនបត្រម៉ូដែលមានអត្ថប្រយោជន៍និងគំនូរឧស្សាហកម្ម ពាក្យសុំត្រូវមានបញ្ជាក់អំពីអ្វីដែលអាចឈានទៅដល់ការផ្តល់ប្រកាសនីយបត្រតក្កកម្មបានដូចជា នាម និងទិន្នន័យពាក់ព័ន្ធទៅនឹងអ្នកដាក់ពាក្យសុំ តក្កករ និងភ្នាក់ងារតំណាង ប្រសិនបើមាន និងចំណងជើងនៃតក្កកម្មនោះ ។

ក្នុងករណីអ្នកដាក់ពាក្យសុំមិនមែនជាតក្កករទេ នោះពាក្យសុំត្រូវតែភ្ជាប់មកជាមួយនូវឯកសារបញ្ជាក់អំពីសិទ្ធិ របស់អ្នកដាក់ពាក្យសុំចំពោះប្រកាសនីយបត្រតក្កកម្មនោះ ។

២- ចំនួនឯកសារ និងការតម្រូវរូបសាស្ត្រ

ចំនួនឯកសារ និងការតម្រូវរូបសាស្ត្រមានដូចខាងក្រោម ៖

- សំណុំលិខិតស្នើសុំ និងឯកសារភ្ជាប់ជាមួយ ត្រូវដាក់ចំនួន ២ ច្បាប់ ។
- ឯកសារទាំងអស់នៃសំណុំលិខិតស្នើសុំ ត្រូវតែបង្ហាញផងដែរ អំពីការអនុញ្ញាតឱ្យផលិតសារជាថ្មី តែម្តងដោយរូបថត ដំណើរការអេឡិចត្រូស្តាទិក បោះពុម្ពតាមរបៀបអូហ្វសិត និងការធ្វើមីក្រូហ្វីល។ អនុញ្ញាតឱ្យប្រើប្រាស់សន្លឹកក្រដាសតែម្ខាងសម្រាប់រៀបចំសំណុំលិខិតស្នើសុំ។
- ឯកសារទាំងអស់នៃសំណុំលិខិតស្នើសុំ ត្រូវតែសរសេរលើក្រដាសដែលងាយបត់បាន មាំមិន ងាយរហែក ព័ណស រលោង មិនភ្លឺចាំង និងរក្សាទុកបានយូរ ។
- ទំហំក្រដាស ត្រូវយកទំហំ អា៤ (២៩,៧ ស.ម ×២១ ស.ម)។
- អត្ថបទទាំងឡាយនៃសំណុំលិខិតស្នើសុំ ត្រូវវាយអង្គុយលើលេខ ឬកុំព្យូទ័រ ។ រីឯនិមិត្តសញ្ញាក្រាហ្វីក រូបមន្តគីមី ឬរូបមន្តគណិតវិទ្យា និងលក្ខណៈពិសេសផ្សេងទៀត អាចត្រូវបានអនុញ្ញាតឱ្យសរសេរដៃ ឬគូសបាន ប្រសិនបើចាំ បាច់ ។
- គំនូសបង្ហាញត្រូវគូសបន្ទាត់ឱ្យបានជាប់ឃ្យូរ ព័ណខ្មៅ ជិតល្មម និងចាស់ល្មមមានកម្រាស់ស្មើៗគ្នា ច្បាស់ល្អ និងមិន គ្រើម ព្រមទាំងមិនផាត់ព័ណធម្មជាតិ ។

៣- សុពលភាព នៃកាលបរិច្ឆេទអាទិភាព

យោងតាមមាត្រា ២៧, មាត្រា ២៨ និងមាត្រា ២៩ នៃច្បាប់ស្តីពីប្រកាសនីយបត្រតក្កកម្ម វិញ្ញាបនបត្រ ម៉ូដែលមានអត្ថប្រយោជន៍ និងចុះបញ្ជីគំនូរឧស្សាហកម្ម ចំពោះសិទ្ធិអាទិភាពនៃសុំណុំលិខិតស្នើសុំ ដែលបានចុះបញ្ជីមុនគេ ដោយអ្នកដាក់ពាក្យសុំ ឬដោយអ្នកស្នងជំនួសឱ្យបុព្វជនរបស់ពួកគេ នៅក្នុងប្រទេសមួយ ឬច្រើន ដែលប្រទេសទាំងនោះ ជាសមាជិកអនុសញ្ញាទីក្រុងប៉ារីស ឬអង្គការពាណិជ្ជកម្មពិភពលោក មានសុពលភាព ១២ខែ ចាប់ពីកាលបរិច្ឆេទស្នើសុំចុះបញ្ជី នៅប្រទេសដែលបានដាក់ពាក្យដំបូង។

៤-រយៈពេលនៃការការពារប្រកាសនីយបត្រតក្កកម្ម និងវិញ្ញាបនបត្រម៉ូដែលមានអត្ថប្រយោជន៍

យោងតាមមាត្រា៤៥នៃច្បាប់ស្តីពីប្រកាសនីយបត្រតក្កកម្មវិញ្ញាបនបត្រម៉ូដែលមានអត្ថប្រយោជន៍ និងគំនូរឧស្សាហកម្ម ប្រកាសនីយបត្រតក្កកម្មមានសុពលភាព ២០ឆ្នាំ គិតចាប់ពីកាលបរិច្ឆេទស្នើសុំចុះបញ្ជីនៃការស្នើសុំ ប្រកាសនីយបត្រតក្កកម្ម ។

យោងតាមមាត្រា ៧៣ នៃច្បាប់ស្តីពីប្រកាសនីយបត្រគតិកម្ម វិញ្ញាបនបត្រម៉ូដែលមានអត្ថប្រយោជន៍ និងគំនូរឧស្សាហកម្ម វិញ្ញាបនបត្រម៉ូដែលមានអត្ថប្រយោជន៍មានសុពលភាពរយៈ៧ឆ្នាំ គិតចាប់ពីកាលបរិច្ឆេទស្នើសុំ ចុះបញ្ជីនៃការស្នើសុំវិញ្ញាបនបត្រម៉ូដែលមានអត្ថប្រយោជន៍ ។

៥-ម៉ោងធ្វើការ

ថ្ងៃចន្ទ ដល់ ថ្ងៃ សុក្រ ព្រឹក ម៉ោង ៨ ដល់ ម៉ោង ១១:៣០
ល្ងាច ម៉ោង ១៤ ដល់ ១៧ : ៣០
ថ្ងៃសៅរ៍ និង ថ្ងៃអាទិត្យ និងបុណ្យជាតិនានា សម្រាក

៦-ការសួរពត៌មាន

សម្រាប់ការសួរពត៌មានទាក់ទងទៅនឹងបញ្ហាផ្សេងៗ ដែលមាននៅក្នុងព្រឹត្តិបត្តិផ្លូវការនេះ សូមទំនាក់ទំនង:

នាយកដ្ឋានកម្មសិទ្ធិឧស្សាហកម្ម ក្រសួងឧស្សាហកម្ម វិទ្យាសាស្ត្រ បច្ចេកវិទ្យា និងនវានុវត្តន៍
អាសយដ្ឋាន ៖ លេខ ៤៥ ព្រះនរោត្តម ខ័ណ្ឌ ដូនពេញ ភ្នំពេញ
ទូរស័ព្ទលេខ៖ ០១២ ៩៨២ ៣៨២
អ៊ីម៉ែល ៖Adm_dip@yahoo.com

ព្រឹត្តិបត្រផ្លូវការនេះ អាចរកបាននៅនាយកដ្ឋានកម្មសិទ្ធិឧស្សាហកម្ម អាសយដ្ឋាន: លេខ ៤៥ ព្រះនរោត្តម ខ័ណ្ឌ ដូនពេញ ភ្នំពេញ។

នាយកដ្ឋានកម្មសិទ្ធិឧស្សាហកម្ម សូមទទួលនូវការស្វាគមន៍ជានិច្ចចំពោះការផ្តល់យោបល់ការកែតម្រូវនានា ក្នុងគោលបំណងធ្វើឱ្យការបោះពុម្ពផ្សាយនេះកាន់តែមានភាពប្រសើរឡើង ។

សូមអរគុណ !

កំណត់សំគាល់

ការបោះពុម្ពផ្សាយប្រភេទ ក

Publication A

១-លេខការបោះពុម្ពផ្សាយ	1-Publication number
២- ប្រភេទការបោះពុម្ពផ្សាយ	2-Type of Publication
៣-ចំណងជើងតក្កកម្ម	3- Title of invention
៤-អ្នកដាក់ពាក្យសុំ	4 Applicant (s)
៥- តក្កករ	5- Inventor (s)
៦- ភ្នាក់ងារ និងអសយដ្ឋាន	6-Agent
៧- ចំណាត់ថ្នាក់ប្រកានីយបត្រតក្កកម្មអន្តរជាតិ	7-International Patent Classification
៨-លេខសំណុំលិខិតស្នើសុំ	8- Application number
៩-កាលបរិច្ឆេទសុំចុះបញ្ជី	9-Filling date
១០-លេខសំណុំលិខិតស្នើសុំអាទិភាព កាលបរិច្ឆេទអាទិភាព និង ប្រទេសដែលត្រូវបានប្រកាសអាទិភាព	10- Priority Application number (s) Priority date &Priority country
១១-ខ្លឹមសារសង្ខេប	11-Abstract
១២-គំនូសបង្ហាញ	12- Drawing

ការចោះពុម្ពផ្សាយ
សំណុំលិខតស្នើសុំផ្តល់ប្រកាសនីយបត្រតភ្ជាប់

(PCT & PARIS CONVENTION)

PUBLICATION OF PATENT APPLICATION

(PCT & PARIS CONVENTION)

(១)- KH/P/២០២២/០០០៧១

(២)- ក

(៣)- ឧបករណ៍កាត់បន្ថយថាមពល និងកាត់បន្ថយការបញ្ចោញទឹកបរិសុទ្ធកែច្នៃឡើងវិញ បន្ទាប់ពីការជ្រលក់ពណ៌លំហូរវារ

(៤)- Nantong Teijin Co., Ltd. [CN]

(៥)- Chen Deyu [CN]; Wang Zigang [CN]; Zhao Liang [CN] and Miao Zheng [CN]

(៦)- TEP & PARTNERS LAW OFFICE

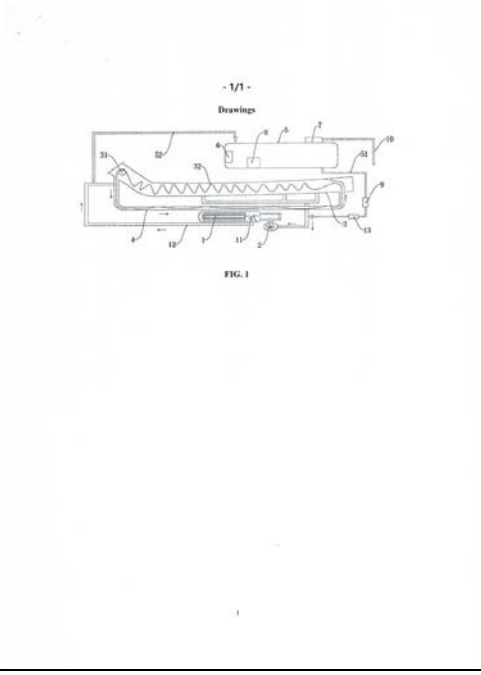
(៧)- D06B 23/20, D06B 23/22, D06B 3/10

(៨)- KH/P/២០២២/០០០៧១

(៩)- ១០/១១/២០២២

(១០)- 202111332477.6 11/11/2021 CN

(១១)- Disclosed is an energy-saving and discharge-reducing device for recycling purified water after liquid flow dyeing. A mixing tank is in communication with a pump body by means of a pipeline, the pump body is connected to an input end of a heater, an output end of the heater is in communication with a return pipe, two ends of the return pipe are in communication with two ends of the mixing tank respectively, a partition plate is arranged in the heater, to divide an interior of the heater into two portions, a liquid storage tank is arranged on one side of the mixing tank, the liquid storage tank is in communication with one end of a reuse pipe, and the other end of the reuse pipe is in communication with the return pipe. By analyzing water quality of a dyeing range, the present disclosure effectively saves 30%-40% of water compared with a traditional liquid flow dyeing apparatus after the energy-saving and discharge-reducing device for recycling purified water after liquid flow dyeing is introduced, thereby greatly reducing cost of water, steam and sewage treatment of a dyeing plant, and moreover, achieves the purpose of protecting water resources and an environment since absolute discharge amount is greatly reduced.


- 1/1 -
Drawings
FIG. 1

1- KH/P/2022/00071

2- A

3- Energy-Saving and Discharge-reducing device for recycling purified water after liquid flow dyeing

4- Nantong Teijin Co., Ltd. [CN]

5- Chen Deyu [CN]; Wang Zigang [CN]; Zhao Liang [CN] and Miao Zheng [CN]

6- TEP & PARTNERS LAW OFFICE

7- D06B 23/20, D06B 23/22, D06B 3/10

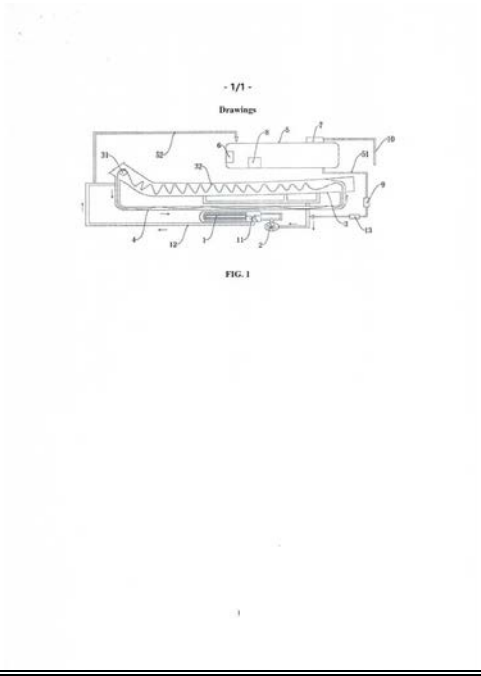
8- KH/P/2022/00071

9- 10/11/2022

10- 202111332477.6 11/11/2021 CN

11- Disclosed is an energy-saving and discharge-reducing device for recycling purified water after liquid flow dyeing. A mixing tank is in communication with a pump body by means of a pipeline, the pump body is connected to an input end of a heater, an output end of the heater is in communication with a return pipe, two ends of the return pipe are in communication with two ends of the mixing tank respectively, a partition plate is arranged in the heater, to divide an interior of the heater into two portions, a liquid storage tank is arranged on one side of the mixing tank, the liquid storage tank is in communication with one end of a reuse pipe, and the other end of the reuse pipe is in communication with the return pipe. By analyzing water quality of a dyeing range, the present disclosure effectively saves 30%-40% of water compared with a traditional liquid flow dyeing apparatus after the energy-saving and discharge-reducing device for recycling purified water after liquid flow dyeing is introduced, thereby greatly reducing cost of water, steam and sewage treatment of a dyeing plant, and moreover, achieves the purpose of protecting water resources and an environment since absolute discharge
amount is greatly reduced.

12-



(11)- KH/P/២០២២/០០០៧៦

(12)- ក

(54)- 3D MONITORING AND INTERNET MONITORING DEVICE

(71)- KANKYO ELECTRONICS CO., LTD [JP]

(72)- YAMAMOTO, Takahiro [JP]

(74)- ABACUS IP

(51)- G08B 13/00, G08B 13/194, H04N 7/18

(18)- KH/P/២០២២/០០០៧៦

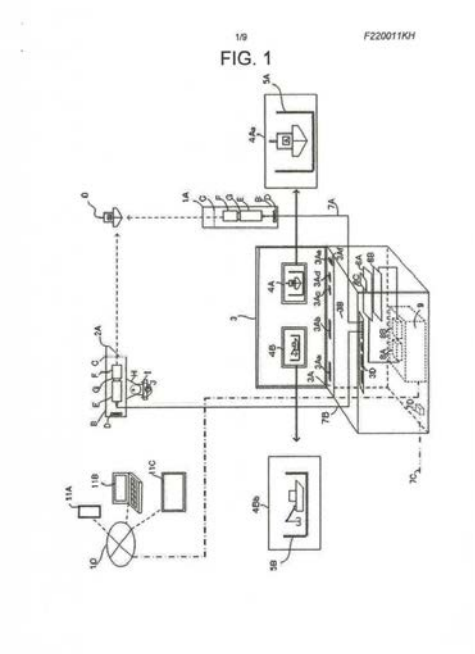
(86)- ២៣/១១/២០២២

(30)- JP2022-089506 01/06/2022 JP

(57)- Provided is a 3D monitoring and internet monitoring device having a motion sensor function for 3D monitoring that is easy to operate regardless of an installation location with an all-weather image capturing unit and a packaged housing box that is a lightweight and is simply settable, whereby enabling remote monitoring via the Internet . Many web cameras which can be easily connected to the Internet to view images from a remote location have been sold in the market, but have a problem in performance in order to use the construction work, and industrial CCD cameras with excellent performance should be connected to a dedicated device for connection with the Internet, resulting in having a technically difficult problem. Further, neither the web camera nor the industrial CCD camera include a motion sensor that automatically detects intrusions in an intrusion warning area of a working ship on the sea and issues an alarm, and there is no solution to the problem of 3D monitoring. Two monitoring cameras with a varifocal lens housed in an all-weather camera housing capture images from a front

and a side of a working ship at sea, a motion sensor board for receiving video signals of the monitoring cameras , a video encoder, and a mobile router are packaged and compactly housed in a housing box that is reduced in weight and easily transported and operated, moving object detection dots are set on front and side screens of the working ship while viewing a monitor screen, and an alarm is issued to enable 3D monitoring when two moving object detection dots are detected at the same time, whereby analog video signals of the monitoring cameras is converted into digital video signals, the digital video signals are connected to the Internet from a mobile router , and a live video is monitored in multiple remote places.

๑๒



1- KH/P/2022/00076

2- A

3- 3D MONITORING AND INTERNET MONITORING DEVICE

4- KANKYO ELECTRONICS CO., LTD [JP]

5- YAMAMOTO, Takahiro [JP]

6- ABACUS IP

7- G08B 13/00, G08B 13/194, H04N 7/18

8- KH/P/2022/00076

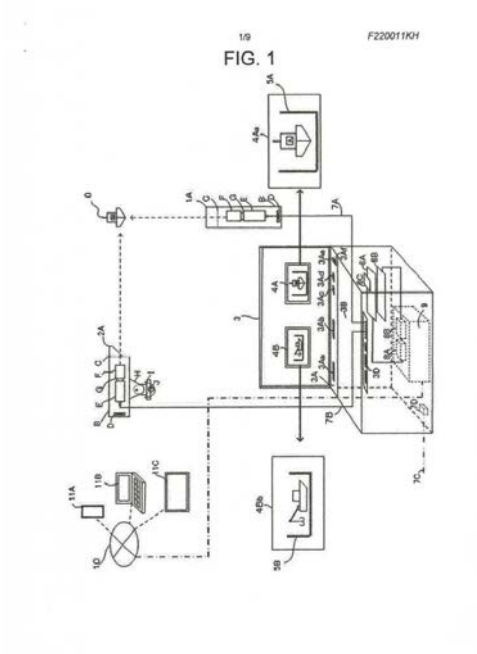
9- 23/11/2022

10- JP2022-089506 01/06/2022 JP

11- Provided is a 3D monitoring and internet monitoring device having a motion sensor function for 3D monitoring that is easy to operate regardless of an installation location with an all-weather image capturing unit and a packaged housing box that is a lightweight and is simply settable, whereby enabling remote monitoring via the Internet . Many web cameras which can be easily connected to the Internet to view images from a remote location have been sold in the market, but have a problem in performance in order to use the construction work, and industrial CCD cameras with excellent performance should be connected to a dedicated device for connection with the Internet, resulting in having a technically difficult problem. Further, neither the web camera nor the industrial CCD camera include a motion sensor that automatically detects intrusions in an intrusion warning area of a working ship on the sea and issues an alarm, and there is no solution to the problem of 3D monitoring. Two monitoring cameras with a varifocal lens housed in an all-weather camera housing capture images from a front

and a side of a working ship at sea, a motion sensor board for receiving video signals of the monitoring cameras , a video encoder, and a mobile router are packaged and compactly housed in a housing box that is reduced in weight and easily transported and operated, moving object detection dots are set on front and side screens of the working ship while viewing a monitor screen, and an alarm is issued to enable 3D monitoring when two moving object detection dots are detected at the same time, whereby analog video signals of the monitoring cameras is converted into digital video signals, the digital video signals are connected to the Internet from a mobile router , and a live video is monitored in multiple remote places.

12-



(១)- KH/P/២០២២/០០០៧៧

(២)- ក

(៣)- A FUEL SUPPLY SYSTEM FOR AUTOMOTIVE VEHICLE DRIVEN BY GASEOUS FUEL AND A METHOD THEREOF

(៤)- BAJAJ AUTO LIMITED [IN]

(៥)- Bhagwat Vishwanath Ramchandra [IN]; Utpat Shrikant Tukaram [IN]; Kulkarni Nitin Sudhakar [IN] and Sattigeri Sachin Shrikant [IN]

(៦)- Kimly IP Service

(៧)- F02M 21/00

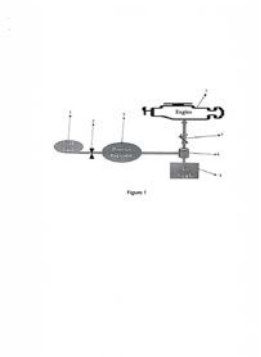
(៨)- KH/P/២០២២/០០០៧៧

(៩)- ០៧/១២/២០២២

(១០)- 2020-090889 15/12/2021 IN

(១១)- A fuel supply system (1000) for automotive vehicle supplies gaseous fuel from a fuel tank (I 0 I) through a fuel line to engine. The fuel line transfers gaseous fuel from the fuel tank (I 0 I) to a pressure regulator (I 03) and thereafter to a gas mixing apparatus (I 04) receiving air form an air supply means (105). The gas mixing apparatus (104) supplies an air-fuel mixture to the engine (I 07). A fuel supply control system (300) is provided, including a controller (30 1); a flow control device (108) mounted in the fuel line; and sensors (320) to measure predefined parameters of the vehicle operation, and to send feedback to the controller (30 1). The flow control device (1 08) is installed between the pressure regulator (I 03) and the gas mixing apparatus (1 04). The controller (30 1) controls the operation of the flow control device (I 08) based on the feedback from the sensors (320).

(១២)



1- KH/P/2022/00077

2- A

3- A FUEL SUPPLY SYSTEM FOR AUTOMOTIVE VEHICLE DRIVEN BY GASEOUS FUEL AND A METHOD THEREOF

4- BAJAJ AUTO LIMITED [IN]

5- Bhagwat Vishwanath Ramchandra [IN]; Utpat Shrikant Tukaram [IN]; Kulkarni Nitin Sudhakar [IN] and Sattigeri Sachin Shrikant [IN]

6- Kimly IP Service

7- F02M 21/00

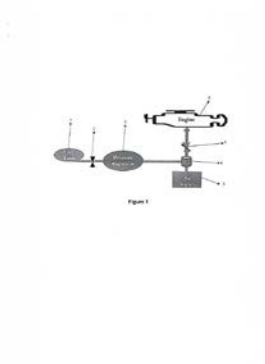
8- KH/P/2022/00077

9- 07/12/2022

10- 2020-090889 15/12/2021 IN

11- A fuel supply system (1000) for automotive vehicle supplies gaseous fuel from a fuel tank (I 0 I) through a fuel line to engine. The fuel line transfers gaseous fuel from the fuel tank (I 0 I) to a pressure regulator (I 03) and thereafter to a gas mixing apparatus (I 04) receiving air form an air supply means (105). The gas mixing apparatus (104) supplies an air-fuel mixture to the engine (I 07). A fuel supply control system (300) is provided, including a controller (30 1); a flow control device (108) mounted in the fuel line; and sensors (320) to measure predefined parameters of the vehicle operation, and to send feedback to the controller (30 1). The flow control device (1 08) is installed between the pressure regulator (I 03) and the gas mixing apparatus (1 04). The controller (30 1) controls the operation of the flow control device (I 08) based on the feedback from the sensors (320).

12-



១-	KH/P/២០២៣/០០០០៥
២-	ក
៣-	VEHICLE REMOTE CONTROL SYSTEM
៤-	GLOBAL MOBILITY SERVICE, INC. [JP]
៥-	Hiraku TOYOOKA [JP]; Katsuyoshi KURAHASHI [JP] and Keita DANJYO [JP]
៦-	Kimly IP Service
៧-	B60R 25/24, H04Q 9/00
៨-	KH/P/២០២៣/០០០០៥
៩-	០៨/០២/២០២៣
១០-	
១១-	
១២	None

1- KH/P/2023/00005

2- A

3- VEHICLE REMOTE CONTROL SYSTEM

4- GLOBAL MOBILITY SERVICE, INC. [JP]

5- Hiraku TOYOOKA [JP]; Katsuyoshi KURAHASHI [JP] and Keita DANJYO [JP]

6- Kimly IP Service

7- B60R 25/24, H04Q 9/00

8- KH/P/2023/00005

9- 08/02/2023

10-

11-

12- None

១-	KH/P/២០២៣/០០០០៦
២-	ក
៣-	ONBOARD DEVICE FOR CLOSING/OPENING VEHICLE DOOR LOCKS, VEHICLE PROVIDED WITH ONBOARD DEVICE, AND VEHICLE DOOR LOCK CLOSING/OPENING SYSTEM PROVIDED WITH ONBOARD DEVICE
៤-	GLOBAL MOBILITY SERVICE, INC. [JP]
៥-	Hiraku TOYOOKA [JP]; Katsuyoshi KURAHASHI [JP] and Keita DANJYO [JP]
៦-	Kimly IP Service
៧-	B60R 25/24, E05B 49/00
៨-	KH/P/២០២៣/០០០០៦
៩-	០៨/០២/២០២៣
១០-	KH/P/2019/00021 29/03/2019 KH
១១-	
១២	None

1- KH/P/2023/00006

2- A

3- ONBOARD DEVICE FOR CLOSING/OPENING VEHICLE DOOR LOCKS, VEHICLE PROVIDED WITH ONBOARD DEVICE, AND VEHICLE DOOR LOCK CLOSING/OPENING SYSTEM PROVIDED WITH ONBOARD DEVICE

4- GLOBAL MOBILITY SERVICE, INC. [JP]

5- Hiraku TOYOOKA [JP]; Katsuyoshi KURAHASHI [JP] and Keita DANJYO [JP]

6- Kimly IP Service

7- B60R 25/24, E05B 49/00

8- KH/P/2023/00006

9- 08/02/2023

10- KH/P/2019/00021 29/03/2019 KH

11-

12- None

(19)- KH/P/2023/00007

(20)- ก

(30)- VEHICLE REMOTE CONTROL SYSTEM, COMMUNICATION MODULE, VEHICLE, SERVICE, VEHICLE REMOTE CONTROL METHOD, VEHICLE REMOTE CONTROL PROGRAM, AND STORAGE MEDIUM

(54)- GLOBAL MOBILITY SERVICE, INC. [JP]

(55)- Tokushi NAKASHIMA [JP] and Katsuyoshi KURAHASHI [JP]

(56)- Kimly IP Service

(57)-

(58)- KH/P/2023/00007

(59)- 08/02/2023

(60)- KH/P/2019/00021 05/12/2019 KH

(66)-

(67) None

1- KH/P/2023/00007

2- A

3- VEHICLE REMOTE CONTROL SYSTEM, COMMUNICATION MODULE, VEHICLE, SERVICE, VEHICLE REMOTE CONTROL METHOD, VEHICLE REMOTE CONTROL PROGRAM, AND STORAGE MEDIUM

4- GLOBAL MOBILITY SERVICE, INC. [JP]

5- Tokushi NAKASHIMA [JP] and Katsuyoshi KURAHASHI [JP]

6- Kimly IP Service

7-

8- KH/P/2023/00007

9- 08/02/2023

10- KH/P/2019/00021 05/12/2019 KH

11-

12- None

១-	KH/P/២០២៣/០០០០៨
២-	ក
៣-	MUTI-PIECE PER-ASSEMBLED RAFT FOUNDATION AND CONSTRUCTION METHOD THEREOF
៤-	Cheng Chi Steel Co., Ltd [TW]
៥-	Jyu Sin Steel Co., Ltd [TW]
៦-	Angkor IP
៧-	E02D 27/01
៨-	KH/P/២០២៣/០០០០៨
៩-	២១/០២/២០២៣
១០-	111106887 24/02/2022 TW
១១-	
១២	None

1- KH/P/2023/00008

2- A

3- MUTI-PIECE PER-ASSEMBLED RAFT FOUNDATION AND CONSTRUCTION METHOD THEREOF

4- Cheng Chi Steel Co., Ltd [TW]

5- Jyu Sin Steel Co., Ltd [TW]

6- Angkor IP

7- E02D 27/01

8- KH/P/2023/00008

9- 21/02/2023

10- 111106887 24/02/2022 TW

11-

12- None

១-	KH/P/២០២៣/០០០០៩
២-	ក
៣-	Eave Lighting
៤-	ZAIXING ELECTRONIC (SHEN ZHEN) CO., LTD [CN]
៥-	CHENG-CHUN ZHANG [CN]
៦-	Angkor IP
៧-	F21V 14/02
៨-	KH/P/២០២៣/០០០០៩
៩-	២២/០២/២០២៣
១០-	202211424111.6 14/11/2022 CN
១១-	
១២	None

1- KH/P/2023/00009

2- A

3- Eave Lighting

4- ZAIXING ELECTRONIC (SHEN ZHEN) CO., LTD [CN]

5- CHENG-CHUN ZHANG [CN]

6- Angkor IP

7- F21V 14/02

8- KH/P/2023/00009

9- 22/02/2023

10- 202211424111.6 14/11/2022 CN

11-

12- None

(19) KH/P/2023/00096

(12) ក

(54) COMBINE HARVESTER

(71) ISEKI & CO., LTD. [JP]

(72) Kazushi Ohara [JP] and Ruysuke Uchiyama [JP]

(74) Kimly IP Service

(51) A01F 12/22

(11) KH/P/2023/00096

(45) ២៧/០៣/២០២៣

(30) JP2022-169679 24/10/2022 JP

(57) [Abstract]

[Object] To propose a combine harvester with reduced workload of replacing teeth that are damaged by use, etc.

[Solution] Each of the front rotor (32A) and the rear rotor (32B) includes: a circular front plate (53); a circular rear plate (54); a bar frame (50) and a front-rear frame (51) disposed between the front plate (53) and the rear plate (54) and extending in the front-rear direction at certain intervals in the circumferential direction; circular ring frames (52) provided on the front-rear frame (51) at certain intervals in the front-rear direction; and teeth (58) stood on the outer circumference of the ring frame (52) at certain intervals in the circumferential direction and gathering grain stems in; the front plate (53) of the front rotor (32A) is mounted on the rear surface of the first plate (41), and the rear plate (54) of the front rotor (32A) is mounted on the front surface of the second plate (35); and the front plate (53) of the rear rotor (32B) is mounted on the rear surface of the second plate (35), and the rear plate (54) of the rear rotor (32B) is mounted on the front surface of the third plate (36).

[Representative Drawing] Fig. 5.

១២

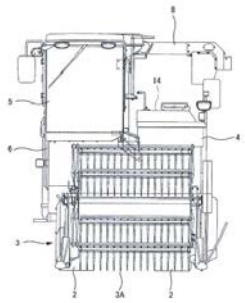


Fig. 1

1- KH/P/2023/00016

2- A

3- COMBINE HARVESTER

4- ISEKI & CO., LTD. [JP]

5- Kazushi Ohara [JP] and Ruysuke Uchiyama [JP]

6- Kimly IP Service

7- A01F 12/22

8- KH/P/2023/00016

9- 27/03/2023

10- JP2022-169679 24/10/2022 JP

11- [Abstract]

[Object] To propose a combine harvester with reduced workload of replacing teeth that are damaged by use, etc.

[Solution] Each of the front rotor (32A) and the rear rotor (32B) includes: a circular front plate (53); a circular rear plate (54); a bar frame (50) and a front-rear frame (51) disposed between the front plate (53) and the rear plate (54) and extending in the front-rear direction at certain intervals in the circumferential direction; circular ring frames (52) provided on the front-rear frame (51) at certain intervals in the front-rear direction; and teeth (58) stood on the outer circumference of the ring frame (52) at certain intervals in the circumferential direction and gathering grain stems in; the front plate (53) of the front rotor (32A) is mounted on the rear surface of the first plate (41), and the rear plate (54) of the front rotor (32A) is mounted on the front surface of the second plate (35); and the front plate (53) of the rear rotor (32B) is mounted on the rear surface of the second plate (35), and the rear plate (54) of the rear rotor (32B) is mounted on the front surface of the third plate (36).

[Representative Drawing] Fig. 5.

12-

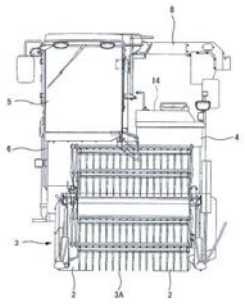


Fig. 1

(19) KH/P/2023/00023

(12) ក

(54) SYSTEM FOR PICKING CARDS AND IDENTIFICATION FOR A CARD GAME

(71) BINGOTIMES DIGITAL TECHNOLOGY CO., LTD. [TW]

(72) Kuo-Lung Tseng [TW]

(74) Kimly IP Service

(73)

(21) KH/P/2023/00023

(22) 15/05/2023

(30)

(11) A system for picking cards and identification for a card game includes a robot arm, a shuffling machine, a front identification module, and a rear identification module. A plate body is connected to the robot arm. The plate body has a low front plate and a high rear plate. The low front plate is provided with a front suction cup assembly. The high rear plate is provided with a rear suction cup assembly. The front identification module is configured to identify a playing card sucked by the front suction cup assembly while the rear suction cup assembly picks a playing card. The rear identification module is configured to identify a playing card sucked by the rear suction cup assembly while the front suction cup assembly picks a playing card. With the above system, when the front suction cup assembly picks the playing card, the rear suction cup assembly will not touch the shuffling machine. While the playing card sucked by the front suction cup assembly is identified, the rear suction cup assembly picks the playing card. While the playing card sucked by the rear suction cup assembly is identified, the front suction cup assembly picks the playing card. This can reduce procedural actions and speed up game progression.A system for picking cards and identification for a card game includes a robot arm, a shuffling machine, a front identification module, and a rear identification module. A plate body is connected to the robot arm. The plate body has a low front plate and a high rear plate. The low front plate is provided with a front suction cup assembly. The high rear plate

is provided with a rear suction cup assembly. The front identification module is configured to identify a playing card sucked by the front suction cup assembly while the rear suction cup assembly picks a playing card. The rear identification module is configured to identify a playing card sucked by the rear suction cup assembly while the front suction cup assembly picks a playing card. With the above system, when the front suction cup assembly picks the playing card, the rear suction cup assembly will not touch the shuffling machine. While the playing card sucked by the front suction cup assembly is identified, the rear suction cup assembly picks the playing card. While the playing card sucked by the rear suction cup assembly is identified, the front suction cup assembly picks the playing card. This can reduce procedural actions and speed up game progression.

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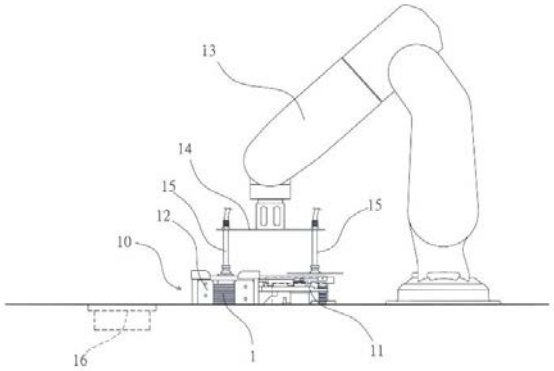


FIG. 1
PRIOR ART

1- KH/P/2023/00023

2- A

3- --

4- BINGOTIMES DIGITAL TECHNOLOGY CO., LTD. [TW]

5- Kuo-Lung Tseng [TW]

6- Kimly IP Service

7-

8- KH/P/2023/00023

9- 15/05/2023

10-

11- --

12-

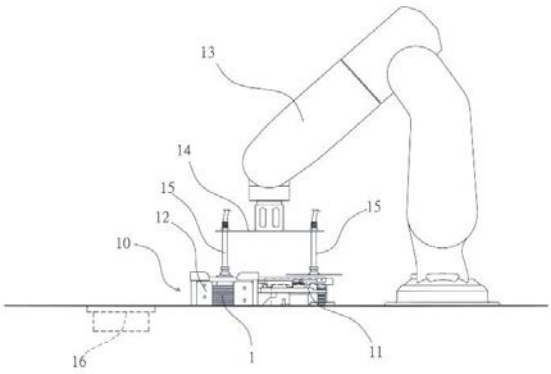


FIG.1
PRIOR ART

(19) KH/P/2023/00025

(12) ក

(54) FLIP-OVER MECHANISM

(71) BINGOTIMES DIGITAL TECHNOLOGY CO., LTD. [TW]

(72) Kuo-Lung Tseng [TW]

(74) Kimly IP Service

(73)

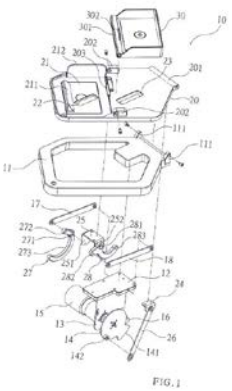
(31) KH/P/2023/00025

(32) 15/05/2023

(30)

(57) A flip-over mechanism includes a frame, a flipping plate pivotally connected to the frame, and a tray. The frame has a turning disc. A first connecting rod and a second connecting rod are pivotally connected to the frame. The flipping plate is configured to receive a playing plate, and has a slot and a through hole. A connecting lever, a first push handle and a second push handle are pivotally connected to the flipping plate. The other end of the connecting lever is pivotally connected to the tray. One side of the tray is pivotally connected to the flipping plate. The turning disc drives the connecting lever to push the flipping plate to turn upwards, the first push handle is driven by the first connecting rod to pass through the slot and push the playing card, and the second push handle is driven by the second connecting rod to pass through the through hole and push the tray to turn upwards, such that the playing card is pushed into the tray.

(12)



1- KH/P/2023/00024

2- A

3- --

4- BINGOTIMES DIGITAL TECHNOLOGY CO., LTD. [TW]

5- Kuo-Lung Tseng [TW]

6- Kimly IP Service

7-

8- KH/P/2023/00024

9- 15/05/2023

10-

11- --

12-

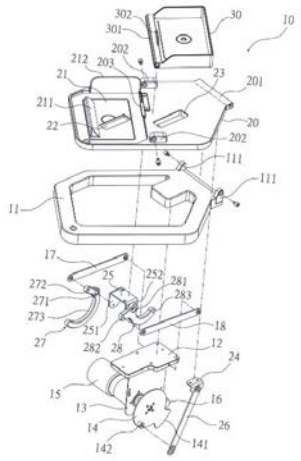


FIG. 1

(១)- KH/P/២០២៣/០០០២៧

(២)- ក

(៣)- INCINERATION SYSTEM

(៤)- Ming-Chiu LEE [TW]

(៥)- Ming-Chiu LEE [TW] and Tzung-Hou HUANG [TW]

(៦)- Kimly IP Service

(៧)- F23G 5/30

(៨)- KH/P/២០២៣/០០០២៧

(៩)- ០៨/០៦/២០២៣

(១០)- 111208056 27/07/2022 TW

(១១)- An incineration system is adapted for burning an incineration matter, and for generating a regenerative matter by hydrolyzing a hydrolysis matter. The incineration system includes an incineration device (1), a boiler device (2), a power generating device (4), and a thermal hydrolysis device (3). The incineration device (1) includes an incinerator (11) that is adapted for receiving the incineration matter and for burning the incineration matter to thereby generate heated air. The boiler device (2) receives the heated air from the incinerator (11) and generates steam via the heated air. The power generating device (4) receives the steam from the boiler device (2) to generate electric power. The thermal hydrolysis device (3) includes a tank (31) that is adapted for receiving the hydrolysis matter and the steam. The thermal hydrolysis device (3) is adapted for hydrolyzing the hydrolysis matter via the steam, for generating the regenerative matter by hydrolyzing the hydrolysis matter, and for outputting the regenerative matter.

(FIG. 1)

១២

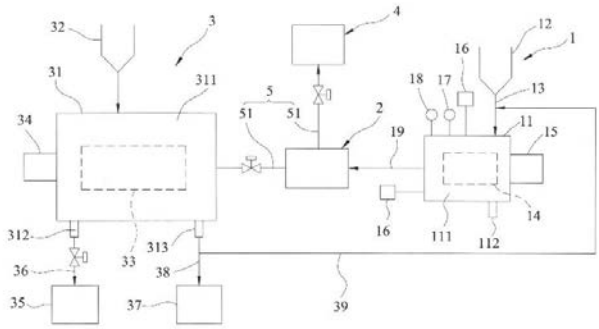

32
3
4
12
1
16
31
311
5
18
17
13
51
51
2
11
34
19
15
14
16
111
112
312
313
33
36
38
35
37
39

FIG.1

1- KH/P/2023/00027

2- A

3- --

4- Ming-Chiu LEE [TW]

5- Ming-Chiu LEE [TW] and Tzung-Hou HUANG [TW]

6- Kimly IP Service

7- F23G 5/30

8- KH/P/2023/00027

9- 08/06/2023

10- 111208056 27/07/2022 TW

11- --

12-

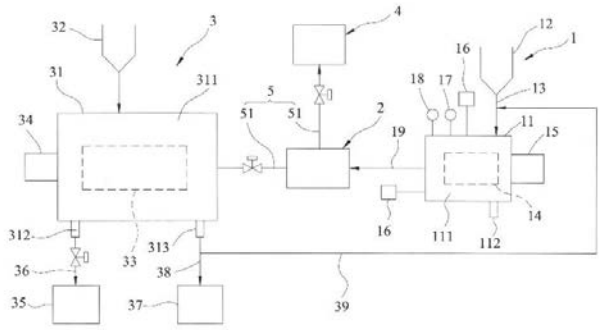


FIG.1

(19)- KH/P/2023/00028

(20)- ក

(54)- COMPOSITION OF A PRAHOK FOOD ADDITIVE

(71)- HAY LY EANG [KH]

(72)- HAY LY EANG [KH]

(73)-

(74)-

(18)- KH/P/2023/00028

(22)- 26/06/2023

(10)- FR2305613 05/06/2023 FR

(57)- The present invention relates to a Prahok food additive composition, a process for manufacturing a Prahok food composition powder, a use of such a Prahok food additive composition as a condiment, as well as any food comprising such a composition of a Prahok food additive.

(12) None

1- KH/P/2023/00028

2- A

3- --

4- HAY LY EANG [KH]

5- HAY LY EANG [KH]

6-

7-

8- KH/P/2023/00028

9- 26/06/2023

10- FR2305613 05/06/2023 FR

11- --

12- None

(១)- KH/P/២០២៣/០០០២៩

(២)- ក

(៣)- CHRISTMAS LED BULB MANUFACTURING PROCESS

(៤)- POLYROCKS TECHNOLOGY (HUNAN) CO., LTD. [CN]

(៥)- Xiangyong WANG [CN] and Hong YANG [CN]

(៦)- Angkor IP Agent

(៧)- F21K 9/90

(៨)- KH/P/២០២៣/០០០២៩

(៩)- ២៨/០៦/២០២៣

(១០)- 2022115783526 06/12/2022 CN

(១១)- Christmas LED bulb manufacturing process includes: taking a conductive wire: taking a conductive wire with a preset length, the conductive wire being a Dumet wire or a platinum wire; removing impurities: removing foreign matters and impurities on a surface of the conductive wire; welding a chip: welding and fixing a LED chip to the conductive wire after impurity removal; sealing: after the chip is welded, injecting one of silica gel, resin and silica gel, or a mixture of resin and a high thermal conductivity material into the LED chip to wrap the LED chip; assembling: inserting the sealed LED chip into a glass tube; and performing glass-sealing: melting two ends of the glass tube for sealing and molding.

(To be published with FIG. 1)

១២

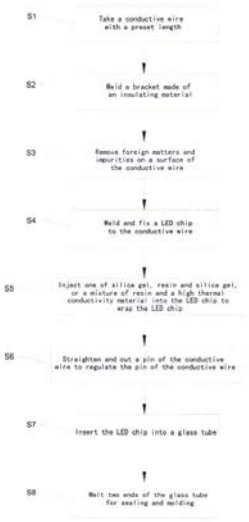

S1
Take a conductive wire with a preset length
S2
Weld a bracket made of an insulating material
S3
Remove foreign matters and impurities on a surface of the conductive wire
S4
Weld and fix a LED chip to the conductive wire
S5
Inject one of silica gel, resin and silica gel, or a mixture of resin and a high thermal conductivity material into the LED chip to wrap the LED chip
S6
Straighten and cut a pin of the conductive wire to regulate the pin of the conductive wire
S7
Insert the LED chip into a glass tube
S8
Melt two ends of the glass tube for sealing and molding

FIG. 1

11

1- KH/P/2023/00029

2- A

3- --

4- POLYROCKS TECHNOLOGY (HUNAN) CO., LTD. [CN]

5- Xiangyong WANG [CN] and Hong YANG [CN]

6- Angkor IP Agent

7- F21K 9/90

8- KH/P/2023/00029

9- 28/06/2023

10- 2022115783526 06/12/2022 CN

11- --

12-

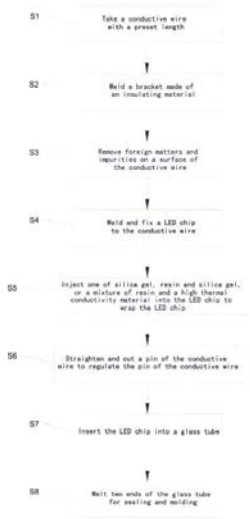


FIG. 1

11

(19)- KH/P/2023/00033

(12)- ก

(54)- COLOR CHANGING LIGHTING ASSEMBLY

(71)- HKS-US, LLC [US]

(72)- Yupeng CHEN [CN] and Fengyong JIANG [CN]

(74)- HAVIP (CAMBODIA) IP SERVICE

(77)-

(18)- KH/P/2023/00033

(96)- 18/07/2023

(30)- 202210872310.7 19/07/2022 CN

(57)- A circuit for a lighting assembly includes a power supply, a first light source connected with an output of the power supply, and a second light source connected with the output of the power. The first and second light sources are connected with the output of the power supply in parallel. At least one integrated circuit including a driver is configured to regulate the current to each of the first light source and the second light source. A switch is configured to select a brightness level of each of the first and second light sources configured to appear similar to the characteristics of a halogen or incandescent light source.

(12)

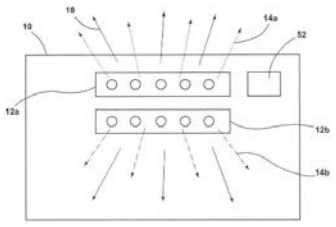


FIG. 1

1- KH/P/2023/00033

2- A

3- COLOR CHANGING LIGHTING ASSEMBLY

4- HKS-US, LLC [US]

5- Yupeng CHEN [CN] and Fengyong JIANG [CN]

6- HAVIP (CAMBODIA) IP SERVICE

7-

8- KH/P/2023/00033

9- 18/07/2023

10- 202210872310.7 19/07/2022 CN

11- --

12-

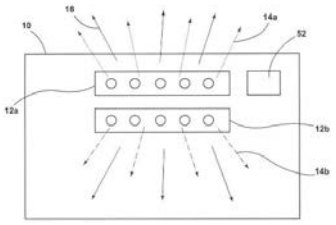


FIG. 1

(11) KH/P/2025/00005

(12) ក

(13) FUEL COMPOSITION FOR COMBUSTION

(15) THE TRUSTEES FOR THE TIME BEING OF THE KMN FULFILMENT TRUST [ZA]

(15) MAKGERU, Kabu Walter [ZA]

(16) BNG LEGAL

(17) B01J 23/745, C10L 10/00, C10L 5/44, C10L 5/46, C10L 9/10, F23G 5/027, F23K 1/00

(18) KH/P/2025/00005

(19) Receiving Date: 26/01/2024

PCT Filing Date: 20/07/2022 PCT Applicaiton Number: PCT/IB2022/056686

(30) 2021/05246 26/07/2021 ZA and 2021/05855 17/08/2021 ZA

(11) A fuel composition for combustion according to claim 1, the fuel composition comprising a hydrocarbon-based fuel and magnetite material comprising magnetite. The magnetite material is in the form of powder with a size range from 1 nm – 1 mm. The magnetite material is 0.1–80% wt of the fuel composition. The magnetite material comprises at least 40% magnetite (Fe_3O_4) and has at least 25% Fe (iron).

(12) None

1- KH/P/2024/00004

2- A

3- FUEL COMPOSITION FOR COMBUSTION

4- THE TRUSTEES FOR THE TIME BEING OF THE KMN FULFILMENT TRUST [ZA]

5- MAKGERU, Kabu Walter [ZA]

6- BNG LEGAL

7- B01J 23/745, C10L 10/00, C10L 5/44, C10L 5/46, C10L 9/10, F23G 5/027, F23K 1/00

8- KH/P/2024/00004

9- Receiving Date: 26/01/2024

PCT Filing Date: 20/07/2022 PCT Applicaiton Number: PCT/IB2022/056686

10- 2021/05246 26/07/2021 ZA and 2021/05855 17/08/2021 ZA

11- A fuel composition for combustion according to claim 1, the fuel composition comprising a hydrocarbon-based fuel and magnetite material comprising magnetite. The magnetite material is in the form of powder with a size range from 1 nm – 1 mm. The magnetite material is 0.1–80% wt of the fuel composition. The magnetite material comprises at least 40% magnetite (Fe_3O_4) and has at least 25% Fe (iron).

12- None

(19) KH/P/2025/00006

(12) A

(54) INFORMATION PROCESSING APPARATUS, INFORMATION PROCESSING METHOD AND RECORDING MEDIUM

(71) ENOWA CO., LTD. [JP]

(72) SHIMOMURA Katsunori [JP] and TSUCHIDA Mitsuru [JP]

(74) TILLEKE & GIBBINS (CAMBODIA) LTD.,

(51) G06Q 50/02

(45) KH/P/2025/00006

(22) Receiving Date: 06/02/2024

PCT Filing Date: 03/07/2023 PCT Applicaiton Number: PCT/JP2023/024594

(30) 2022-108787 06/07/2022 JP

(57) The present invention solves the problem in the conventional problem that there is no platform for collecting and using information on a field. An information processing apparatus 1 includes: a sensor information receiving unit 121 that receives one or more pieces of sensor information of a field, in association with a field identifier for identifying the field; a sensor information accumulating unit 132 that accumulates the one or more pieces of sensor information received by the sensor information receiving unit 121, in association with the field identifier and time information for specifying the time, in a field information storage unit 114 in which one or more pieces of field information including one or more pieces of sensor information are stored; and an information processing unit 133 that performs sensor information processing, which is processing using the one or more pieces of sensor information stored in the field information storage unit 114. Accordingly, it is possible to provide a platform for collecting and using information on a field.

[Selected Figure] FIG. 3

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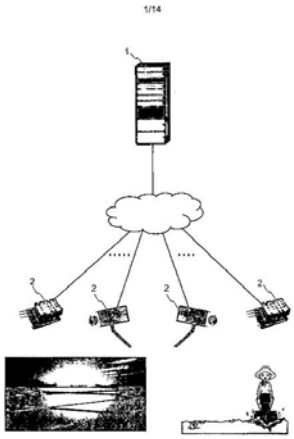

FIG.1

1- KH/P/2024/00006

2- A

3- INFORMATION PROCESSING APPARATUS, INFORMATION PROCESSING METHOD AND RECORDING MEDIUM

4- ENOWA CO., LTD. [JP]

5- SHIMOMURA Katsunori [JP] and TSUCHIDA Mitsuru [JP]

6- TILLEKE & GIBBINS (CAMBODIA) LTD.,

7- G06Q 50/02

8- KH/P/2024/00006

9- Receiving Date: 06/02/2024

PCT Filing Date: 03/07/2023 PCT Applicaiton Number: PCT/JP2023/024594

10- 2022-108787 06/07/2022 JP

11- The present invention solves the problem in the conventional problem that there is no platform for collecting and using information on a field. An information processing apparatus 1 includes: a sensor information receiving unit 121 that receives one or more pieces of sensor information of a field, in association with a field identifier for identifying the field; a sensor information accumulating unit 132 that accumulates the one or more pieces of sensor information received by the sensor information receiving unit 121, in association with the field identifier and time information for specifying the time, in a field information storage unit 114 in which one or more pieces of field information including one or more pieces of sensor information are stored; and an information processing unit 133 that performs sensor information processing, which is processing using the one or more pieces of sensor information stored in the field information storage unit 114. Accordingly, it is possible to provide a platform for collecting and using information on a field.

[Selected Figure] FIG. 3

12-

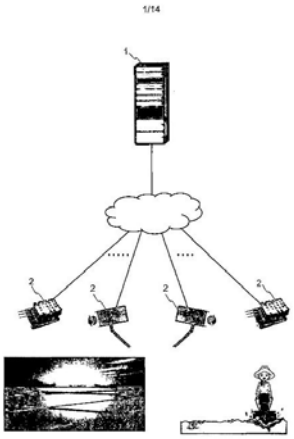

FIG.1

(19)- KH/P/2025/00007

(12)- A

(54)- LEARNING MODEL GENERATION METHOD, LEARNING MODEL, INSPECTION DEVICE, INSPECTION METHOD, AND COMPUTER PROGRAM

(71)- HASHIMA CO., LTD. [JP]

(72)- OTSUKA Shunsuke [JP] and KUDO Yoshifumi [JP]

(74)- SCL SP&P COMPANY LIMITED

(51)- G01N 23/04, G01N 23/18

(11)- KH/P/2025/00007

(22)- Receiving Date: 12/02/2024

PCT Filing Date: 13/08/2021 PCT Applicaiton Number: PCT/JP2021/029791

(30)-

(57)- According to the present invention, it is capable of detecting an anomaly of an inspection object with high accuracy.

A method for generating a learning model, comprises the steps of: irradiating an inspection object with an electromagnetic wave; acquiring an image according to the electromagnetic wave passing through the inspection object; identifying a blob contained in the inspection object based on pixel values of respective pixels included in a processed image obtained by subjecting the image to an image processing; acquiring a mask image which is provided in a position corresponding to the identified blob to be masked in a shape corresponding to the identified blob, and an anomalous information including an offset information of the masked portion in the processed image and information concerning an anomaly of the inspection object and including a blob label which is a type of an object corresponding to the blob; acquiring a teaching data including the mask image and the anomalous information; acquiring a heatmap image in which the position and the shape of the blob are displayed as a heat map on the processed image based on the teaching data when the image acquired according to the electromagnetic wave passing through the inspection object after irradiating the inspection object with the electromagnetic wave is input; and

generating a learning model which combines the heatmap image with the processed image to output an inspection image including the heatmap image.

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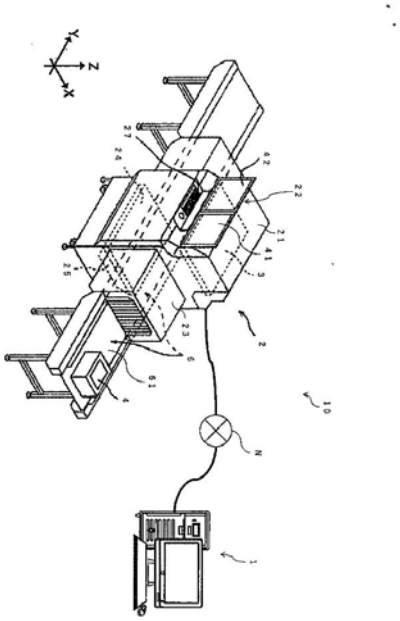


1- KH/P/2024/00007

2- A

3- LEARNING MODEL GENERATION METHOD, LEARNING MODEL, INSPECTION DEVICE, INSPECTION METHOD, AND COMPUTER PROGRAM

4- HASHIMA CO., LTD. [JP]

5- OTSUKA Shunsuke [JP] and KUDO Yoshifumi [JP]

6- SCL SP&P COMPANY LIMITED

7- G01N 23/04, G01N 23/18

8- KH/P/2024/00007

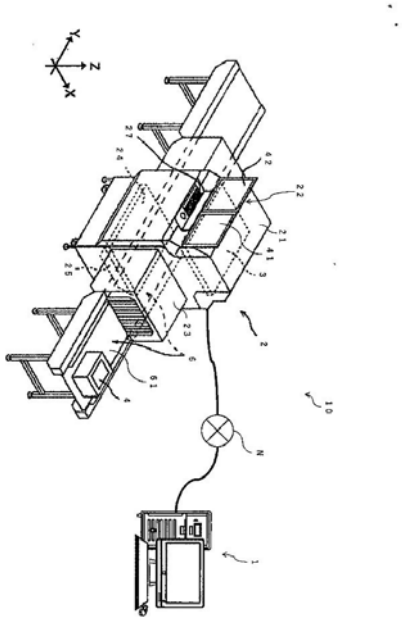
9- Receiving Date: 12/02/2024
PCT Filing Date: 13/08/2021 PCT Applicaiton Number: PCT/JP2021/029791

10-

11- According to the present invention, it is capable of detecting an anomaly of an inspection object with high accuracy.
A method for generating a learning model, comprises the steps of: irradiating an inspection object with an electromagnetic wave; acquiring an image according to the electromagnetic wave passing through the inspection object; identifying a blob contained in the inspection object based on pixel values of respective pixels included in a processed image obtained by subjecting the image to an image processing; acquiring a mask image which is provided in a position corresponding to the identified blob to be masked in a shape corresponding to the identified blob, and an anomalous information including an offset information of the masked portion in the processed image and information concerning an anomaly of the inspection object and including a blob label which is a type of an object corresponding to the blob; acquiring a teaching data including the mask image and the anomalous information; acquiring a heatmap image in which the position and the shape of the blob are displayed as a heat map on the processed image based on the teaching data when the image acquired according to the electromagnetic wave passing through the inspection object after irradiating the inspection object with the electromagnetic wave is input; and

generating a learning model which combines the heatmap image with the processed image to output an inspection image including the heatmap image.

12-



(19)- KH/P/2025/00008

(12)- A

(54)- AUTOMATED BATTERY DISASSEMBLY SYSTEM

(71)- KOREA ZINC CO., LTD. [KR]

(72)- KIM, Seung Hyun [KR]

(74)- TILLEKE & GIBBINS (CAMBODIA) LTD.,

(51)- A62C 3/16, A62C 99/00, B25J 9/00, B25J 9/16, H01M 10/54

(18)- KH/P/2025/00008

(22)- Receiving Date: 26/02/2024

PCT Filing Date: 07/08/2023 PCT Applicaiton Number: PCT/KR2023/011591

(30)- 10-2023-0057900 03/05/2023 KR

(57)- An automated battery disassembly system according to one embodiment includes: a workstation including a first worktable, a second worktable, a third worktable, and a discharging worktable; a discharging device; a robot device; a transfer device; and a controller electrically connected to the robot device and the transfer device. The controller is configured to control the robot device to: when a battery pack is disposed on the first worktable, .separate an upper cover from the battery pack; when the battery pack is disposed on the discharging worktable, discharge the battery pack by connecting the battery pack to the discharging device; when the discharged battery pack is disposed on the second worktable, separate a battery module from the discharged battery pack; and when the battery module is disposed on the third worktable, separate battery cells from the battery module.

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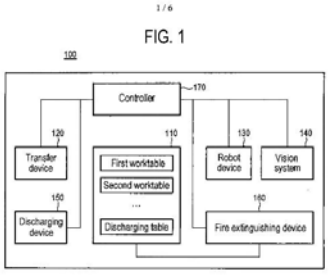

1 / 6
FIG. 1
100
Controller
170
120
110
130
140
Transfer device
First worktable
Second worktable
...
Discharging table
Robot device
Vision system
150
160
Discharging device
Fire extinguishing device

1- KH/P/2024/00008

2- A

3- AUTOMATED BATTERY DISASSEMBLY SYSTEM

4- KOREA ZINC CO., LTD. [KR]

5- KIM, Seung Hyun [KR]

6- TILLEKE & GIBBINS (CAMBODIA) LTD.,

7- A62C 3/16, A62C 99/00, B25J 9/00, B25J 9/16, H01M 10/54

8- KH/P/2024/00008

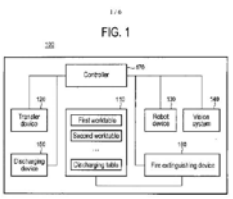
9- Receiving Date: 26/02/2024

PCT Filing Date: 07/08/2023 PCT Applicaiton Number: PCT/KR2023/011591

10- 10-2023-0057900 03/05/2023 KR

11- An automated battery disassembly system according to one embodiment includes: a workstation including a first worktable, a second worktable, a third worktable, and a discharging worktable; a discharging device; a robot device; a transfer device; and a controller electrically connected to the robot device and the transfer device. The controller is configured to control the robot device to: when a battery pack is disposed on the first worktable, .separate an upper cover from the battery pack; when the battery pack is disposed on the discharging worktable, discharge the battery pack by connecting the battery pack to the discharging device; when the discharged battery pack is disposed on the second worktable, separate a battery module from the discharged battery pack; and when the battery module is disposed on the third worktable, separate battery cells from the battery module.

12-



(១)- KH/P/២០២៥/០០០០៩

(២)- ក

(៣)- HINDERED ETHERAMINE POLYURETHANE CATALYSTS

(៥)- HUNTSMAN PETROCHEMICAL LLC [US]

(៥)- MEREDITH, Matthew T. [US]; ZHOU, Jingjun [US]; SHAN, Zhiping [US] and PHAM, DiAnne [US]

(៦)- TILLEKE & GIBBINS (CAMBODIA) LTD.,

(៧)- C07C 211/14, C08G 18/08, C08G 18/16, C08G 18/18, C08J 9/14

(៨)- KH/P/២០២៥/០០០០៩

(៩)- Receiving Date: 28/02/2024

PCT Filing Date: 16/09/2022 PCT Applicaiton Number: PCT/US2022/043768

(១០)- 63/244,972 16/09/2021 US and 63/351,091 10/06/2022 US

(១១)- A polyol resin blend suitable for rigid foam applications having one or more active hydroxyl compounds, a silicone surfactant, a halogenated olefinic blowing agent, and an amine catalyst. The polyol resin blend can include from about 0.3 % to about 7 % by weight amine catalyst. The polyol resin blend may be used to form a polyurethane and/or polyisocyanurate foam.

(១២)

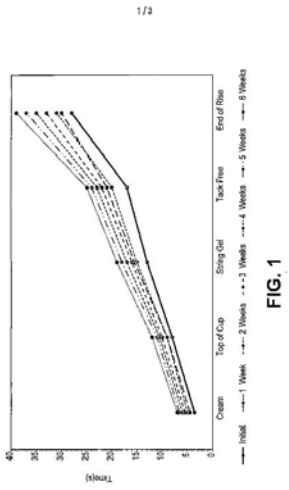


FIG. 1

1- KH/P/2024/00009

2- A

3- HINDERED ETHERAMINE POLYURETHANE CATALYSTS

4- HUNTSMAN PETROCHEMICAL LLC [US]

5- MEREDITH, Matthew T. [US]; ZHOU, Jingjun [US]; SHAN, Zhiping [US] and PHAM, DiAnne [US]

6- TILLEKE & GIBBINS (CAMBODIA) LTD.,

7- C07C 211/14, C08G 18/08, C08G 18/16, C08G 18/18, C08J 9/14

8- KH/P/2024/00009

9- Receiving Date: 28/02/2024

PCT Filing Date: 16/09/2022 PCT Applicaiton Number: PCT/US2022/043768

10- 63/244,972 16/09/2021 US and 63/351,091 10/06/2022 US

11- A polyol resin blend suitable for rigid foam applications having one or more active hydroxyl compounds, a silicone surfactant, a halogenated olefinic blowing agent, and an amine catalyst. The polyol resin blend can include from about 0.3 % to about 7 % by weight amine catalyst. The polyol resin blend may be used to form a polyurethane and/or polyisocyanurate foam.

12-

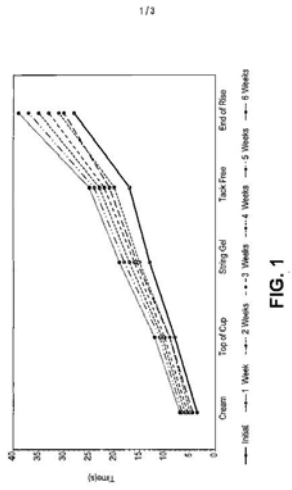


FIG. 1

(11)- KH/P/2025/00090

(12)- A

(13)- A METHOD OF RECYCLING TEXTILE WASTE CELLULOSE

(14)- ASIA PACIFIC RESOURCES INTERNATIONAL HOLDINGS LTD [BM] and SETNA, Rohan P. [GB]

(15)- GINTING, Eduward [ID]; ANTES, Rudine [BR]; YING, H'ng Yin [MY] and PANDITA, Surya Darma [ID]

(16)- Kimly IP Service

(17)- C08J 11/04, C08J 11/06

(18)- KH/P/2025/00090

(19)- Receiving Date: 01/03/2024

PCT Filing Date: 20/07/2022 PCT Applicaiton Number: PCT/EP2022/070348

(30)- 10202109553V 01/09/2021 SG

(57)- The present invention provides a method of recycling cellulose for use as a textile fibre feedstock, the method comprising: (i) providing a waste textile feedstock comprising greater than 50 wt% cellulose by weight of the waste textile feedstock; (ii) shredding the waste textile feedstock to provide a shredded waste textile feedstock comprising fibres which have a fibre length of less than 5 mm; (iii) mixing the shredded waste textile feedstock with an aqueous alkali solution having a pH of greater than 11 to produce a first mixture; (iv) filtering the first mixture to obtain an alkali treated shredded waste textile feedstock; (v) mixing the alkali treated shredded waste textile feedstock with an aqueous acid solution having a pH of less than 5 to produce a second mixture; and (vi) filtering the second mixture to obtain cellulose.

[Figure 1]

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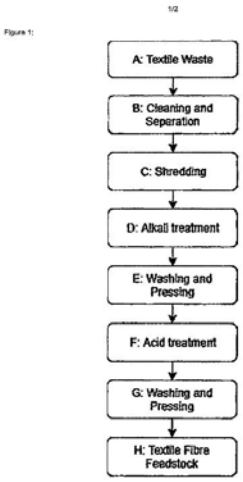

A: Textile Waste
B: Cleaning and Separation
C: Shredding
D: Alkali treatment
E: Washing and Pressing
F: Acid treatment
G: Washing and Pressing
H: Textile Fibre Feedstock

1- KH/P/2024/00010

2- A

3- A METHOD OF RECYCLING TEXTILE WASTE CELLULOSE

4- ASIA PACIFIC RESOURCES INTERNATIONAL HOLDINGS LTD [BM] and SETNA, Rohan P. [GB]

5- GINTING, Eduward [ID]; ANTES, Rudine [BR]; YING, H'ng Yin [MY] and PANDITA, Surya Darma [ID]

6- Kimly IP Service

7- C08J 11/04, C08J 11/06

8- KH/P/2024/00010

9- Receiving Date: 01/03/2024

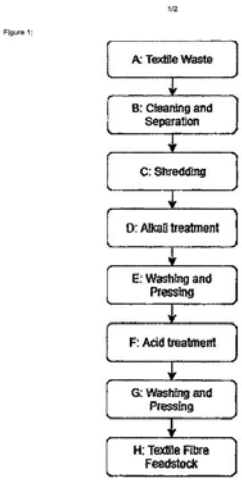
PCT Filing Date: 20/07/2022 PCT Applicaiton Number: PCT/EP2022/070348

10- 10202109553V 01/09/2021 SG

11- The present invention provides a method of recycling cellulose for use as a textile fibre feedstock, the method comprising: (i) providing a waste textile feedstock comprising greater than 50 wt% cellulose by weight of the waste textile feedstock; (ii) shredding the waste textile feedstock to provide a shredded waste textile feedstock comprising fibres which have a fibre length of less than 5 mm; (iii) mixing the shredded waste textile feedstock with an aqueous alkali solution having a pH of greater than 11 to produce a first mixture; (iv) filtering the first mixture to obtain an alkali treated shredded waste textile feedstock; (v) mixing the alkali treated shredded waste textile feedstock with an aqueous acid solution having a pH of less than 5 to produce a second mixture; and (vi) filtering the second mixture to obtain cellulose.

[Figure 1]

12-


A: Textile Waste
B: Cleaning and Separation
C: Shredding
D: Alkali treatment
E: Washing and Pressing
F: Acid treatment
G: Washing and Pressing
H: Textile Fibre Feedstock

(19) KH/P/2025/00099

(52) H

(54) HIGH-STRENGTH ROAD FOR WATER RESOURCE REGULATION SYSTEM IN RESPONSE TO CLIMATE CHANGE

(71) CHEN, Jui-Wen [CN]

(72) CHEN, Jui-Wen [CN]

(74) HAVIP (CAMBODIA) IP SERVICE

(51) E03B 3/02, E03F 5/10

(11) KH/P/2025/00099

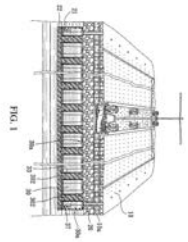
(43) Receiving Date: 07/03/2024

PCT Filing Date: 09/05/2022 PCT Applicaiton Number: PCT/CN2022/091725

(30) 20111058587.8 10/09/2021 CN

(57) A high-strength road for a water resource regulation system in response to climate change. An underground structural space (30) is formed by a structural system formwork (31), which is provided with a hollow unit body (30a), by means of grouting and solidifying concrete grout (302), and the high-strength road is formed by paving a road or a pavement (10) over the underground structural space (30). The hollow unit body (30a) is at least provided with a structural formwork (31) and is formed by means of combining a plurality of side slabs (32). An upper surface of the formwork (31) is provided with a plate (312), which is provided with a through hole (311) and at least one through pipe (33). After the structural system formwork (31) and the side slabs (312) are combined, the concrete grout (302) is grouted and solidifies to form the underground structural space (30) with a high support strength

(12)



1- KH/P/2024/00011

2- A

3- HIGH-STRENGTH ROAD FOR WATER RESOURCE REGULATION SYSTEM IN RESPONSE TO CLIMATE CHANGE

4- CHEN, Jui-Wen [CN]

5- CHEN, Jui-Wen [CN]

6- HAVIP (CAMBODIA) IP SERVICE

7- E03B 3/02, E03F 5/10

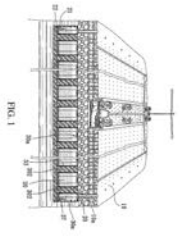
8- KH/P/2024/00011

9- Receiving Date: 07/03/2024
PCT Filing Date: 09/05/2022 PCT Applicaiton Number: PCT/CN2022/091725

10- 20111058587.8 10/09/2021 CN

11- A high-strength road for a water resource regulation system in response to climate change. An underground structural space (30) is formed by a structural system formwork (31), which is provided with a hollow unit body (30a), by means of grouting and solidifying concrete grout (302), and the high-strength road is formed by paving a road or a pavement (10) over the underground structural space (30). The hollow unit body (30a) is at least provided with a structural formwork (31) and is formed by means of combining a plurality of side slabs (32). An upper surface of the formwork (31) is provided with a plate (312), which is provided with a through hole (311) and at least one through pipe (33). After the structural system formwork (31) and the side slabs (312) are combined, the concrete grout (302) is grouted and solidifies to form the underground structural space (30) with a high support strength

12-



(19)- KH/P/2025/00092

(12)- ក

(54)- AUTONOMOUS PV MODULE ARRAY CLEANING ROBOT

(71)- ERTHOS IP LLC [US]

(72)- HEPPNER, Joshua [US]

(74)- Kimly IP Service

(51)- B25J 11/00, B25J 9/16, F24S 40/20, H02S 40/10

(11)- KH/P/2025/00092

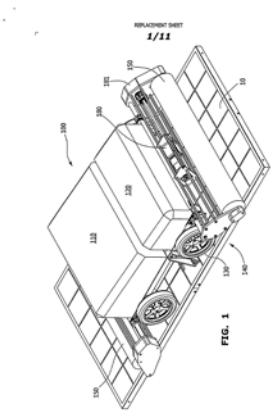
(22)- Receiving Date: 12/03/2024

PCT Filing Date: 02/09/2022 PCT Applicaiton Number: PCT/IB2022/058277

(30)- 17478877 17/09/2021 US

(57)- Autonomous cleaning robot comprises rear cover and front cover 120. Robot 1 00 comprises wheel 130. Robot 100 uses two or more, three or more, for more, six or more, or eight or more wheels 130. The exemplar depicted in FIG. 1 shows the robot with two brush assemblies 140. But the cleaning nature of robot 100 only requires a single brush assembly 140. Assembly 140 comprises brush 150, brush motor 160, and various other components that connect brush assembly 140 to chassis of robot 1 00. Brush assembly 140 connects to the chassis of robot 1 00 and in some exemplars has two pieces a front chassis 230 and rear chassis 220. Brush motor 160 drives the rotation of brush 150 through a transmission 161.

(12)



1- KH/P/2024/00012

2- A

3- AUTONOMOUS PV MODULE ARRAY CLEANING ROBOT

4- ERTHOS IP LLC [US]

5- HEPPNER, Joshua [US]

6- Kimly IP Service

7- B25J 11/00, B25J 9/16, F24S 40/20, H02S 40/10

8- KH/P/2024/00012

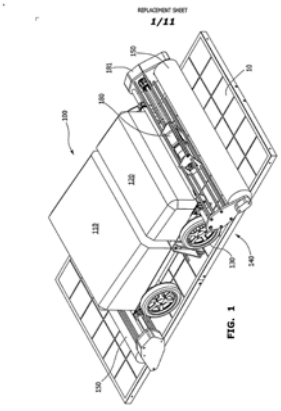
9- Receiving Date: 12/03/2024

PCT Filing Date: 02/09/2022 PCT Applicaiton Number: PCT/IB2022/058277

10- 17478877 17/09/2021 US

11- Autonomous cleaning robot comprises rear cover and front cover 120. Robot 1 00 comprises wheel 130. Robot 100 uses two or more, three or more, for more, six or more, or eight or more wheels 130. The exemplar depicted in FIG. 1 shows the robot with two brush assemblies 140. But the cleaning nature of robot 100 only requires a single brush assembly 140. Assembly 140 comprises brush 150, brush motor 160, and various other components that connect brush assembly 140 to chassis of robot 1 00. Brush assembly 140 connects to the chassis of robot 1 00 and in some exemplars has two pieces a front chassis 230 and rear chassis 220. Brush motor 160 drives the rotation of brush 150 through a transmission 161.

12-



(19)- KH/P/2025/00093

(12)- A

(54)- INSTALLATION METHOD OF PHOTOVOLTAIC AIR-SUPPORTED MEMBRANE SYSTEM

(71)- ZC SPACE (SHENZHEN) INTELLIGENT TECHNOLOGY CO., LTD [CN]

(72)- ZHOU, Maoyi [CN]; ZHOU, Maolang [CN]; ZHU, Lili [CN]; SHANG, Ming [CN] and LAO, Xinqi [CN]

(74)- HAVIP (CAMBODIA) IP SERVICE

(73)-

(11)- KH/P/2025/00093

(43)- Receiving Date: 15/03/2024

PCT Filing Date: 10/11/2023 PCT Applicaiton Number: PCT/CN2023/130966

(30)- 202211512195.9 29/11/2022 CN

(57)- Provided is an installation method of a photovoltaic air-supported membrane system, a cable netting being arranged on an air-supported membrane, and the method includes the following steps: S 1. defining an installation lattice on the cable netting, where the installation lattice includes a plurality of installation point groups, and the installation point groups include two rows of installation points arranged at intervals; S2. installing a cable holding assembly on each installation point; S3. connecting rails to the cable holding assembly; and S4. installing a photovoltaic unit on a pair of rails in the same installation point group. When being installed, the installation points do not need to be installed at an intersection of steel cables, and the number of fixing points can be adjusted according to the force requirements; an adjustable assembly can be used for adjusting a distance and parallelism between a positioning plate and the air-supported membrane, so that the force requirements and heat insulation are satisfied; further, a rail is designed in a form of assembling unit rails, such that a dead weight of individual component is reduced, and all sections of the unit rails are assembled section by

section, not only creating a solid foundation for installing photovoltaic units, but also providing orkers with supporting points of operation, such that the bearing performance of the entire system is ensured, and the installation convenience is improved.

๑๒

DRAWINGS OF THE SPECIFICATION

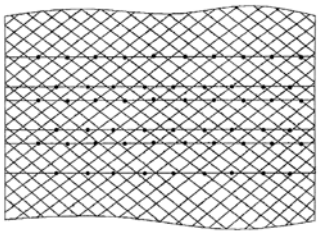


FIG. 1

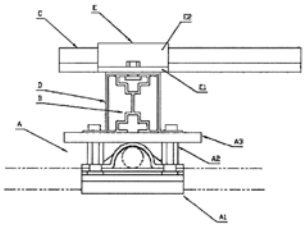


FIG. 2

1- KH/P/2024/00013

2- A

3- INSTALLATION METHOD OF PHOTOVOLTAIC AIR-SUPPORTED MEMBRANE SYSTEM

4- ZC SPACE (SHENZHEN) INTELLIGENT TECHNOLOGY CO., LTD [CN]

5- ZHOU, Maoyi [CN]; ZHOU, Maolang [CN]; ZHU, Lili [CN]; SHANG, Ming [CN] and LAO, Xinqi [CN]

6- HAVIP (CAMBODIA) IP SERVICE

7-

8- KH/P/2024/00013

9- Receiving Date: 15/03/2024
PCT Filing Date: 10/11/2023 PCT Applicaiton Number: PCT/CN2023/130966

10- 202211512195.9 29/11/2022 CN

11- Provided is an installation method of a photovoltaic air-supported membrane system, a cable netting being arranged on an air-supported membrane, and the method includes the following steps: S 1. defining an installation lattice on the cable netting, where the installation lattice includes a plurality of installation point groups, and the installation point groups include two rows of installation points arranged at intervals; S2. installing a cable holding assembly on each installation point; S3. connecting rails to the cable holding assembly; and S4. installing a photovoltaic unit on a pair of rails in the same installation point group. When being installed, the installation points do not need to be installed at an intersection of steel cables, and the number of fixing points can be adjusted according to the force requirements; an adjustable assembly can be used for adjusting a distance and parallelism between a positioning plate and the air-supported membrane, so that the force requirements and heat insulation are satisfied; further, a rail is designed in a form of assembling unit rails, such that a dead weight of individual component is reduced, and all sections of the unit rails are assembled section by

section, not only creating a solid foundation for installing photovoltaic units, but also providing orkers with supporting points of operation, such that the bearing performance of the entire system is ensured, and the installation convenience is improved.

12-

DRAWINGS OF THE SPECIFICATION

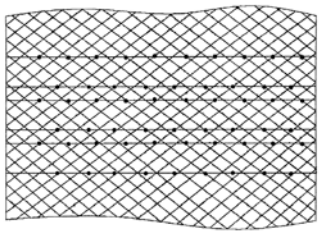


FIG. 1

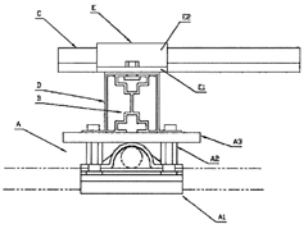


FIG. 2

(19)- KH/P/2025/00095

(12)- A

(54)- METHOD FOR RECOVERY OF VALUABLE METALS FROM SPENT SECONDARY BATTERIES

(71)- KOREA ZINC CO., LTD [KR]

(72)- CHOI, Heon Sik [KR] and YOON, Tae Boon [KR]

(74)- TILLEKE & GIBBINS (CAMBODIA) LTD.,

(77)-

(11)- KH/P/2025/00095

(22)- Receiving Date: 25/03/2024

PCT Filing Date: 04/07/2023 PCT Applicaiton Number: PCT/KR2023/009404

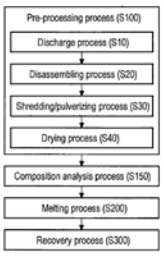
(30)- 10/2022/0102031 16/08/2022 KR and 10/2022/0112306 05/09/2022 KR

(57)- A method for recovering valuable metals from a spent secondary battery according to an embodiment of the present disclosure includes a pre-processing process of pre-processing the spent secondary attery, a melting process of heating the pre-processed spent secondary battery to generate a molten solution, and a recovery process of recovering the valuable metals from the molten solution. In the melting process, a chlorinating agent is added, and, in the recovery process, lithium is recovered in a form of lithium dust.

(12)

1 / 2

FIG. 1



1- KH/P/2024/00014

2- A

3- METHOD FOR RECOVERY OF VALUABLE METALS FROM SPENT SECONDARY BATTERIES

4- KOREA ZINC CO., LTD [KR]

5- CHOI, Heon Sik [KR] and YOON, Tae Boon [KR]

6- TILLEKE & GIBBINS (CAMBODIA) LTD.,

7-

8- KH/P/2024/00014

9- Receiving Date: 25/03/2024

PCT Filing Date: 04/07/2023 PCT Applicaiton Number: PCT/KR2023/009404

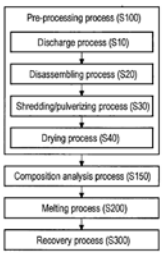
10- 10/2022/0102031 16/08/2022 KR and 10/2022/0112306 05/09/2022 KR

11- A method for recovering valuable metals from a spent secondary battery according to an embodiment of the present disclosure includes a pre-processing process of pre-processing the spent secondary attery, a melting process of heating the pre-processed spent secondary battery to generate a molten solution, and a recovery process of recovering the valuable metals from the molten solution. In the melting process, a chlorinating agent is added, and, in the recovery process, lithium is recovered in a form of lithium dust.

12-

1 / 2

FIG. 1



(19) KH/P/2025/00097

(12) ក

(54) SYSTEM FOR PRODUCING WASTE OIL-IMPREGNATED FUEL

(71) HIRAI INDUSTRY CO., LTD [JP]

(72) Shingo ICHIKAWA c/o HIRAI INDUSTRY CO., LTD [JP]

(74) TILLEKE & GIBBINS (CAMBODIA) LTD.,

(51) B01F 23/50, C10L 5/44, C10L 5/48

(86) KH/P/2025/00097

(87) Receiving Date: 27/03/2024

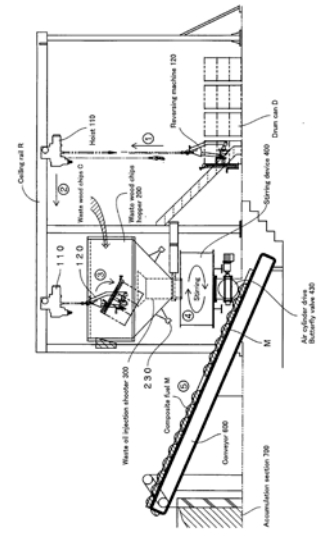
PCT Filing Date: 17/11/2021 PCT Applicaiton Number: PCT/JP/2021/042294

(30)

(57) To provide a system for producing a composite fuel M comprising the waste oil 0 impregnated wood chips C having a light specific gravity by kneading the waste oil 0 and the waste wood chips C [Construction] This invention relates to a system for producing a composite fuel M, which comprises 1) a step of transporting the waste oil 0 in the drum-can D, 2) a step of supplying the waste oil 0 and the waste wood chip C, 3) a step of kneading the waste oil 0 and the waste wood chip C to make a composite fuel M, and 4) a step oftransporting the composite fuel M. In the step 3) of kneading the waste oil 0 and the waste wood chips C to make composite fuel M, there is provided a kneading means or stirring device 400 comprises a stirringical bath 410, a pair of horizontally turning stirring blade members 421, 422 extending in the radial direction of the bath from the central rotation axis 411, and a stirring blade member 423 sliding on a circumferential surface connects the end portions, in a manner that aU-shaped stirring blade 420 having a stirring blade space through which the stirring flow of the waste oil 0 and the waste wood chip C passes. [Selection diagram] Fig.l

១២

Fig.1


Ceiling rail R
Hoist 110
Reversing machine 120
Drum can D
Waste wood chips C
Waste wood chips hopper 200
Stirring device 400
110
120
Stirrer
M
Air cylinder drive Butterfly valve 420
Waste oil injection shooter 300
230
Composite Fuel M
Conveyor 600
Accumulation section 700

1- KH/P/2024/00017

2- A

3- SYSTEM FOR PRODUCING WASTE OIL-IMPREGNATED FUEL

4- HIRAI INDUSTRY CO., LTD [JP]

5- Shingo ICHIKAWA c/o HIRAI INDUSTRY CO., LTD [JP]

6- TILLEKE & GIBBINS (CAMBODIA) LTD.,

7- B01F 23/50, C10L 5/44, C10L 5/48

8- KH/P/2024/00017

9- Receiving Date: 27/03/2024

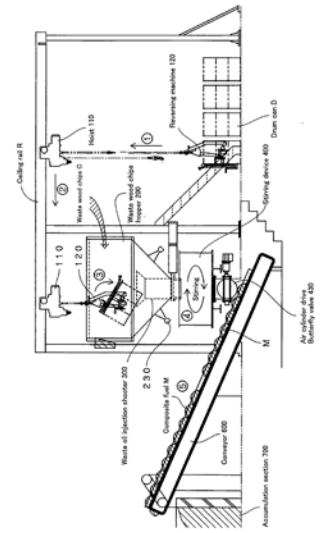
PCT Filing Date: 17/11/2021 PCT Applicaiton Number: PCT/JP/2021/042294

10-

11- To provide a system for producing a composite fuel M comprising the waste oil 0 impregnated wood chips C having a light specific gravity by kneading the waste oil 0 and the waste wood chips C [Construction] This invention relates to a system for producing a composite fuel M, which comprises 1) a step of transporting the waste oil 0 in the drum-can D, 2) a step of supplying the waste oil 0 and the waste wood chip C, 3) a step of kneading the waste oil 0 and the waste wood chip C to make a composite fuel M, and 4) a step oftransporting the composite fuel M. In the step 3) of kneading the waste oil 0 and the waste wood chips C to make composite fuel M, there is provided a kneading means or stirring device 400 comprises a stirringical bath 410, a pair of horizontally turning stirring blade members 421, 422 extending in the radial direction of the bath from the central rotation axis 411, and a stirring blade member 423 sliding on a circumferential surface connects the end portions, in a manner that aU-shaped stirring blade 420 having a stirring blade space through which the stirring flow of the waste oil 0 and the waste wood chip C passes. [Selection diagram] Fig.l

12-

Fig.1



(១)- KH/P/២០២៥/០០០១៨

(២)- ក

(៣)- PHARMACEUTICAL COMPOSITION COMPRISING ENA VOGLIFLOZJN

(៥)- DAEWOONG PHARMACEUTICAL CO., LTD [KR]

(៥)- HA, Songyi [KR]; KIM, Gyoungwon [KR]; KIM, Gwanyoung [KR]; CHO, Sangeun [KR]; HWANG, On [KR]; PARK, Minhyung [KR]; LEE, Seoyeo [KR]; LEE, Heewon [KR] and YOUN, Seungbin [KR]

(៦)- Kimly IP Service

(៧)- A61K 31/7048, A61K 9/20, A61P 3/10

(៨)- KH/P/២០២៥/០០០១៨

(៩)- Receiving Date: 27/03/2024

PCT Filing Date: 29/09/2022 PCT Applicaiton Number: PCT/KR2022/014640

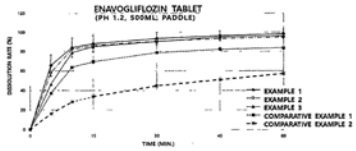
(១០)- 10/2021/0130239 30/09/2021 KR

(១១)- The present invention relates to a pharmaceutical composition comprising enavogliflozin, which is a selective inhibitor of sodium-glucose cotransporter 2. A pharmaceutical composition comprising a compound of Chemical Formula I according to the present invention enables implementation of a formulation having excellent content uniformity, formulation uniformity, elution profile, and the like, despite comprising a low dose of a drug.

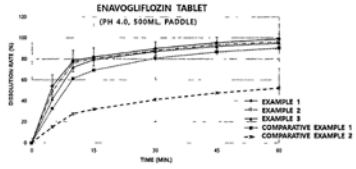
(១២)

[DRAWINGS]

[Figure 1]



[Figure 2]



[Figure 3]

1- KH/P/2024/00018

2- A

3- PHARMACEUTICAL COMPOSITION COMPRISING ENA VOGLIFLOZJN

4- DAEWOONG PHARMACEUTICAL CO., LTD [KR]

5- HA, Songyi [KR]; KIM, Gyoungwon [KR]; KIM, Gwanyoung [KR]; CHO, Sangeun [KR]; HWANG, On [KR]; PARK, Minhyung [KR]; LEE, Seoyeo [KR]; LEE, Heewon [KR] and YOUN, Seungbin [KR]

6- Kimly IP Service

7- A61K 31/7048, A61K 9/20, A61P 3/10

8- KH/P/2024/00018

9- Receiving Date: 27/03/2024

PCT Filing Date: 29/09/2022 PCT Applicaiton Number: PCT/KR2022/014640

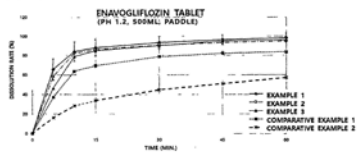
10- 10/2021/0130239 30/09/2021 KR

11- The present invention relates to a pharmaceutical composition comprising enavogliflozin, which is a selective inhibitor of sodium-glucose cotransporter 2. A pharmaceutical composition comprising a compound of Chemical Formula I according to the present invention enables implementation of a formulation having excellent content uniformity, formulation uniformity, elution profile, and the like, despite comprising a low dose of a drug.

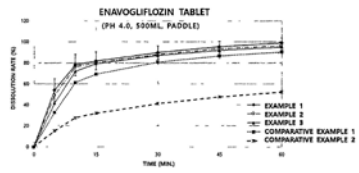
12-

[DRAWINGS]

[Figure 1]



[Figure 2]



[Figure 3]

១-	KH/P/២០២៥/០០០១៩
២-	ក
៣-	NAPHTHALENE ISOXAZOLINE COMPOUNDS FOR CONTROLLING INVERTEBRATE PESTS
៤-	FMC Corporation [US]
៥-	MingXU [US]; George Philip LAHM [US] and Jeffrey Keith LONG [US]
៦-	Kimly IP Service
៧-	
៨-	KH/P/២០២៥/០០០១៩
៩-	០១/០២/២០១៩
១០-	62/629154 12/02/2018 US; 62/631665 17/02/2018 US and 62/657647 13/04/2018 US
១១-	
១២	None

1- KH/P/2024/00019

2- A

3- NAPHTHALENE ISOXAZOLINE COMPOUNDS FOR CONTROLLING INVERTEBRATE PESTS

4- FMC Corporation [US]

5- MingXU [US]; George Philip LAHM [US] and Jeffrey Keith LONG [US]

6- Kimly IP Service

7-

8- KH/P/2024/00019

9- 01/02/2019

10- 62/629154 12/02/2018 US; 62/631665 17/02/2018 US and 62/657647 13/04/2018 US

11-

12- None

(11)- KH/P/2025/00020

(12)- A

(13)- METHOD FOR DETECTING AT LEAST ONE DEFECT ON A SUPPORT, DEVICE AND COMPUTER PROGRAM ASSOCIATED

(71)- AQC INDUSTRY [FR]

(72)- MAGRANGEAS, Pierre [FR]; BRACICH, Christian [IT]; VELOZ PARRA, Wilson [FR]; POTTECHER, Stephanle [FR]; BERTHELIER, Benoit [FR]; NDIAYE, Omar Chimere [FR]; BINET, Adrien [FR]; SENAC, Caroline [FR]; TOUSSAINT, Nicolas [FR]; FERRET, Renard [FR]; DRI, Carlo [IT] and ZERJAL, Igor [IT]

(74)- HAVIP (CAMBODIA) IP SERVICE

(51)- G01N 21/88, G06T 5/00, G06T 5/10, G06T 7/00

(45)- KH/P/2025/00020

(22)- Receiving Date: 28/03/2024

PCT Filing Date: 29/09/2022 PCT Applicaiton Number: PCT/EP2022/077179

(30)- 21315194.7 01/10/2021 EP

(57)- Method for detecting at least one defect on a support such as a fabric or a brick, the method comprising: • Acquiring (ACQ) at least one first image of the support; • Generating a second image that corresponds to the 20 spectrum space of the at least one first image; • Shifting at least one selected frequency range from at least a first area of the 20 spectrum space toward a second area of the 20 spectrum space; • Filtering at least one frequency range of the 20 spectrum space to remove at least one predefined pattern of the support; • Shifting at least a selected frequency range from a second area of the new 20 spectrum space toward a first area of the new 20 spectrum space; • Reversing (RVRS) the transformation of the frequency domain of the new 20 spectrum space to ob tain a final image.

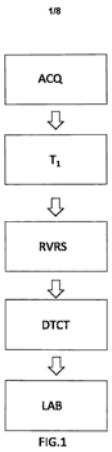


FIG.1

1- KH/P/2024/00020

2- A

3- METHOD FOR DETECTING AT LEAST ONE DEFECT ON A SUPPORT, DEVICE AND COMPUTER PROGRAM ASSOCIATED

4- AQC INDUSTRY [FR]

5- MAGRANGEAS, Pierre [FR]; BRACICH, Christian [IT]; VELOZ PARRA, Wilson [FR]; POTTECHER, Stephanle [FR]; BERTHELIER, Benoit [FR]; NDIAYE, Omar Chimere [FR]; BINET, Adrien [FR]; SENAC, Caroline [FR]; TOUSSAINT, Nicolas [FR]; FERRET, Renard [FR]; DRI, Carlo [IT] and ZERJAL, Igor [IT]

6- HAVIP (CAMBODIA) IP SERVICE

7- G01N 21/88, G06T 5/00, G06T 5/10, G06T 7/00

8- KH/P/2024/00020

9- Receiving Date: 28/03/2024
PCT Filing Date: 29/09/2022 PCT Applicaiton Number: PCT/EP2022/077179

10- 21315194.7 01/10/2021 EP

11- Method for detecting at least one defect on a support such as a fabric or a brick, the method comprising: • Acquiring (ACQ) at least one first image of the support; • Generating a second image that corresponds to the 20 spectrum space of the at least one first image; • Shifting at least one selected frequency range from at least a first area of the 20 spectrum space toward a second area of the 20 spectrum space; • Filtering at least one frequency range of the 20 spectrum space to remove at least one predefined pattern of the support; • Shifting at least a selected frequency range from a second area of the new 20 spectrum space toward a first area of the new 20 spectrum space; • Reversing (RVRS) the transformation of the frequency domain of the new 20 spectrum space to ob tain a final image.

12-

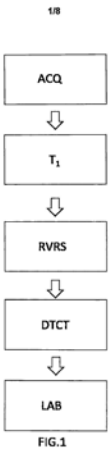


FIG.1

(19) KH/P/2025/00029

(12) ក

(54) WIRE SAW STONE CUTTING MACHINE AND CUTTING METHOD

(75) CHOI, Tae Seong [KR]

(73) CHOI, Tae Seong [KR]

(74) HAVIP (CAMBODIA) IP SERVICE

(51) B23D 49/00, B28D 1/06

(11) KH/P/2025/00029

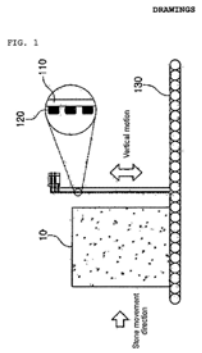
(22) Receiving Date: 03/04/2024

PCT Filing Date: 18/08/2022 PCT Applicaiton Number: PCT/KR2022/012352

(30) 10/2021/0110669 23/08/2021 KR

(57) The present invention relates to a stone cutting machine having a wire saw and, more specifically, to a stone cutting machine for cutting stones through vertically-reciprocative swinging. According to the present invention, to cutting *is* minimized such that costs are stone loss due reduced up to approximately 90%, and sludge *is* reduced such that work costs (labor costs) and disposal costs are reduced and environmental pollution *is* prevented.

(12)



1- KH/P/2024/00021

2- A

3- WIRE SAW STONE CUTTING MACHINE AND CUTTING METHOD

4- CHOI, Tae Seong [KR]

5- CHOI, Tae Seong [KR]

6- HAVIP (CAMBODIA) IP SERVICE

7- B23D 49/00, B28D 1/06

8- KH/P/2024/00021

9- Receiving Date: 03/04/2024

PCT Filing Date: 18/08/2022 PCT Applicaiton Number: PCT/KR2022/012352

10- 10/2021/0110669 23/08/2021 KR

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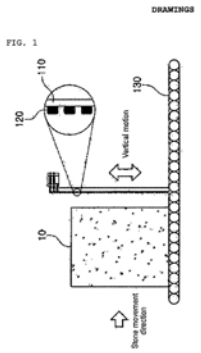
12-



(19)- KH/P/2025/00022

(20)- ក

(54)- SYNERGISTIC FUNGICIDAL COMPOSITION COMPRISING STROBILURIN AND TRIAZOLE FUNGICIDES WITH SULPHUR

(71)- SEEDLINGS INDIA PRIVATE LIMITED [IN]

(72)- SABALPARA, Hardik [IN]; GUJRAL, Ajit Singh [IN]; KUMAR, Vimal [IN] and AILAWADHI, Raajan Kumar [IN]

(74)- ABACUS IP

(51)- A01N 25/30, A01N 37/50, A01N 43/653, A01N 59/02

(11)- KH/P/2025/00022

(22)- Receiving Date: 03/04/2024

PCT Filing Date: 01/12/2022 PCT Applicaiton Number: PCT/IB/2022/061645

(30)- 202111045021 04/10/2021 IN

(57)- The present invention relates to a synergistic fungicidal composition comprising at least one strobilurin fungicide in the range of 5 to 50 wt%; at least one triazole fungicide in the range of 5 to 70 wtO/o; and Sulphur in the range of 1-7 wt% along with agrochemically acceptable adjuvants. The present invention further relates to a synergistic fungicidal composition comprising at least one strobilurin fungicide in the range of *5* to 50 wt%; at least one triazole fungicide in the range of *5* to 70 wtO/o; and Sulphur in the range of 1-7 wt% which uses organosilicone surfactants. as spreading and sticking agents and bio based efficacy enhancing agents. The present invention also relates to a process for preparation of such synergistic fungicidal composition.

(12) None

1- KH/P/2024/00022

2- A

3- SYNERGISTIC FUNGICIDAL COMPOSITION COMPRISING STROBILURIN AND TRIAZOLE FUNGICIDES WITH SULPHUR

4- SEEDLINGS INDIA PRIVATE LIMITED [IN]

5- SABALPARA, Hardik [IN]; GUJRAL, Ajit Singh [IN]; KUMAR, Vimal [IN] and AILAWADHI, Raajan Kumar [IN]

6- ABACUS IP

7- A01N 25/30, A01N 37/50, A01N 43/653, A01N 59/02

8- KH/P/2024/00022

9- Receiving Date: 03/04/2024

PCT Filing Date: 01/12/2022 PCT Applicaiton Number: PCT/IB/2022/061645

10- 202111045021 04/10/2021 IN

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12- None

(11)- KH/P/2025/00023

(12)- ក

(13)- A MIXTURE OF PYRETHROIDS AND MILBEMYCINS AND USES THEREOF

(14)- Valent BioSciences LLC [US]

(15)- CLARK, Jason [US] and KESA V ARAJU, Banugopan [US]

(16)- Kimly IP Service

(17)- A01N 43/34, A01N 43/40, A01N 43/90

(18)- KH/P/2025/00023

(19)- Receiving Date: 04/04/2024

PCT Filing Date: 11/10/2022 PCT Applicaiton Number: PCT/US2022/046227

(30)- 63/254,264 11/10/2021 US

(57)- The present invention is directed to a pesticidal mixture comprising one or more milbemycins and one or more pyrethroids. The present invention is further directed to a method of controlling pests comprising applying a mixture of the present invention to an area in need of pest control.

(62) None

1- KH/P/2024/00023

2- A

3- A MIXTURE OF PYRETHROIDS AND MILBEMYCINS AND USES THEREOF

4- Valent BioSciences LLC [US]

5- CLARK, Jason [US] and KESA V ARAJU, Banugopan [US]

6- Kimly IP Service

7- A01N 43/34, A01N 43/40, A01N 43/90

8- KH/P/2024/00023

9- Receiving Date: 04/04/2024

PCT Filing Date: 11/10/2022 PCT Applicaiton Number: PCT/US2022/046227

10- 63/254,264 11/10/2021 US

11- The present invention is directed to a pesticidal mixture comprising one or more milbemycins and one or more pyrethroids. The present invention is further directed to a method of controlling pests comprising applying a mixture of the present invention to an area in need of pest control.

12- None

(19)- KH/P/2025/0005

(12)- ก

(54)- PHOTOELECTRIC WATER-PERMEABLE PAVEMENT UNDERGROUND WATER STORAGE AUTOMATION SYSTEM

(72)- CHEN, Jui-Wen [CN]

(73)- CHEN, Jui-Wen [CN]

(74)- HAVIP (CAMBODIA) IP SERVICE

(51)- E01C 11/00, E01C 9/00, E03B 3/02, E03F 5/10, F24S 25/00, H02S 20/10, H02S 20/26

(11)- KH/P/2025/0005

(45)- Receiving Date: 11/04/2024

PCT Filing Date: 09/05/2022 PCT Applicaiton Number: PCT/CN2022/091724

(30)- 202111218202.X 20/10/2021 CN

(57)- A photoelectric water-permeable pavement underground water storage automation system includes a photoelectric module (1 0), a water-permeable unit (20), and a water-filled structure (30). The photoelectric module (10) is arranged on a ground surface and includes a base (11). A solar panel (12) is mounted on a top of the base (11). Fixing members (112) are provided on a bottom of the base (II) and positioned on the water-permeable unit (20). A bare empty area (I13) is provided inside the base (II). Communication pipes (13) are connected to and extended outward from the bare empty area (113) to communicate with adjacent bases (I1). The water-permeable unit (20) is a water-permeable pavement including a frame structure formed of multiple vertical water-permeable pipes and poured with concrete slurry. The water-filled structure (30) is an underground water storage space formed of multiple-hole hollow unit cells (30a). A water guide layer (B) is provided at the top of the water-filled structure (30) buried in an underground layer below the water-permeable unit (20).

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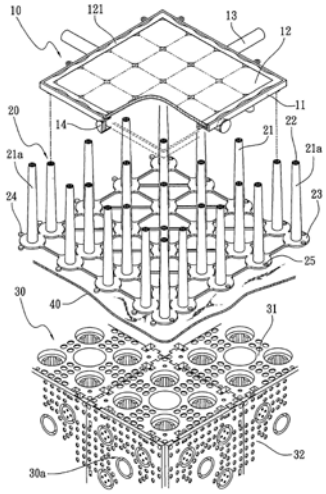

FIG. 1

1- KH/P/2024/00024

2- A

3- PHOTOELECTRIC WATER-PERMEABLE PAVEMENT UNDERGROUND WATER STORAGE AUTOMATION SYSTEM

4- CHEN, Jui-Wen [CN]

5- CHEN, Jui-Wen [CN]

6- HAVIP (CAMBODIA) IP SERVICE

7- E01C 11/00, E01C 9/00, E03B 3/02, E03F 5/10, F24S 25/00, H02S 20/10, H02S 20/26

8- KH/P/2024/00024

9- Receiving Date: 11/04/2024
PCT Filing Date: 09/05/2022 PCT Applicaiton Number: PCT/CN2022/091724

10- 202111218202.X 20/10/2021 CN

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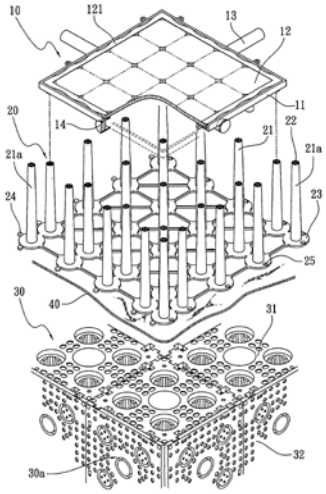

FIG. 1

(19) KH/P/2025/00025

(12) A

(54) BREATH-POWERED NASAL DEVICES FOR TREATMENT OF TRAUMATIC BRAIN INJURY (TBI), INCLUDING CONCUSSION, AND METHODS AND METHODS

(71) Oragenics, Inc. [US]

(72) VANLANDINGHAM, Jacob [US]; STOWELL, Kelly, M. [US]; LUCAS, Jonathan [US] and COCHRAN, Travis [US]

(74) Kimly IP Service

(51) A61M 11/02, A61M 15/00

(11) KH/P/2025/00025

(45) Receiving Date: 12/04/2024

PCT Filing Date: 19/10/2022 PCT Applicaiton Number: PCT/US2022/000020

(30) 63/257,117 19/10/2021 US

(57) The present invention is directed to a single-directional insufflator or breath-powered nasal device that provides unique dual airflow for propelling a drug substance into a nasal cavity, preferably deep into the superior nasal cavity and into the olfactory region and the trigeminal nerve mucosa, for rapid diffusion into the brain for the treatment of nasal and/or central nervous system ("CNS") injury, disease or disorder, especially brain injury, such as traumatic brain injury ("TBI"), including concussion, and methods regarding riasal treatment therewith. Breath-powered nasal devices for delivering a somewhat tight or confined, concentrated plume of drug substance deep into the nasal cavity to targeted sites, bypassing the blood brain barrier, namely the olfactory nerve to provide concentrated drug substance for direct absorption into the brain are disclosed. The confined plume of drug substance propelled from the nasal device by a patient's breath is narrow in the vertical resembling the diameter of the inner chamber in which the drug substance is stored. By forming this narrow or confined plume, a greater concentration of the drug substance can be deposited at the deeper nasally targeted sites. The breath-powered nasal devices of the present invention

accomplish this unique advantage by the use of a novel dual elongated double-walled tube chamber comprised of an outer hollow chamber and the inner chamber in which the inner chamber is stabilized in the outer chamber by preferably two, three or more ribs. More specifically, the breath-powered nasal device uses the patient's own breath to blow air simultaneously at the same force rate through both chambers. As the blown air exits both chambers, the propelled air from the outer tube chamber surrounds the drug substance propelled from the inner tube chamber within the blown air forcing the drug substance to exit in a tight or confined, concentrated plume shape in the vertical, so that a higher concentration of drug substance reaches the targeted nasal sites, as compared to a conical fannedout plume shape of drug substance exiting a single hollow chamber, as illustrated in FIGS. 44- 45. This unique feature allows diseases or injuries of the brain to be treated more effectively with a drug substance without or with minimized systemic or Blood Brain Barrier ("BBB") ISSUe. The present invention uses a patient's natural breath to blow air through both the inner drug chambers to propel a drug substance from the inner drug substance chamber deep into the nasal cavity to targeted sites, bypassing the BBB, providing the potential to better treat central nervous system diseases such as traumatic brain injury, including concussions, migraines, epilepsy, insomnia, and post-operative pain, the latter of which is often remedied by opioids.

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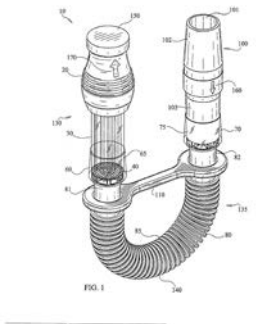

1- KH/P/2024/00025

2- A

3- BREATH-POWERED NASAL DEVICES FOR TREATMENT OF TRAUMATIC BRAIN INJURY (TBI), INCLUDING CONCUSSION, AND METHODS AND METHODS

4- Oragenics, Inc. [US]

5- VANLANDINGHAM, Jacob [US]; STOWELL, Kelly, M. [US]; LUCAS, Jonathan [US] and COCHRAN, Travis [US]

6- Kimly IP Service

7- A61M 11/02, A61M 15/00

8- KH/P/2024/00025

9- Receiving Date: 12/04/2024

PCT Filing Date: 19/10/2022 PCT Applicaiton Number: PCT/US2022/000020

10- 63/257,117 19/10/2021 US

11- The present invention is directed to a single-directional insufflator or breath-powered nasal device that provides unique dual airflow for propelling a drug substance into a nasal cavity, preferably deep into the superior nasal cavity and into the olfactory region and the trigeminal nerve mucosa, for rapid diffusion into the brain for the treatment of nasal and/or central nervous system ("CNS") injury, disease or disorder, especially brain injury, such as traumatic brain injury ("TBI"), including concussion, and methods regarding riasal treatment therewith. Breath-powered nasal devices for delivering a somewhat tight or confined, concentrated plume of drug substance deep into the nasal cavity to targeted sites, bypassing the blood brain barrier, namely the olfactory nerve to provide concentrated drug substance for direct absorption into the brain are disclosed. The confined plume of drug substance propelled from the nasal device by a patient's breath is narrow in the vertical resembling the diameter of the inner chamber in which the drug substance is stored. By forming this narrow or confined plume, a greater concentration of the drug substance can be deposited at the deeper nasally targeted sites. The breath-powered nasal devices of the present invention

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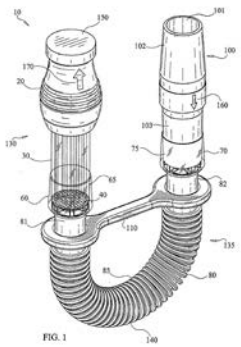


(19) KH/P/2025/00026

(12) ក

(54) METHOD FOR DETECTING AT LEAST ONE DEFECT ON A SUPPORT, DEVICE AND COMPUTER PROGRAM ASSOCIATED

(71) AQC INDUSTRY [FR]

(72) MAGRANGEAS, Pierre [FR]; BRACICH, Christian [IT]; VELOZ PARRA, Wilson [FR]; POTIECHER, Stephanie [FR]; BERTH ELIER, Benoit [FR]; NDIAYE, Omar Chimere [FR]; BINET, Adrien [FR]; SENAC, Caroline [FR]; TOUSSAINT, Nicolas [FR]; FERRET, Renard [FR]; DR!, Carlo [IT] and ZERJAL, Igor [IT]

(74) HAVIP (CAMBODIA) IP SERVICE

(51) G01N 21/88, G06T 5/00, G06T 5/10, G06T 7/00

(11) KH/P/2025/00026

(45) Receiving Date: 03/05/2024

PCT Filing Date: 29/09/2022 PCT Applicaiton Number: PCT/EP2022/077179

(30) 21315194.7 01/10/2021 EP

(57) Method for detecting at least one defect on a support such as a fabric or a brick, the method comprising: ■uiAng (ACQ) at least one first image of the support; ■ Generating a second image that corresponds to the 2D spectrum space of the at least one first image; ■ Sh least a first area of the 2D spectrum space toward a second area of the 2D spectrum space; ■ Filt space to remove at least one predefined pattern of the support; ■ a selected frequency range from a second area of the new 2D spectrum space toward a first area of the new 2D spectrum space; ■ Reve transformation of the frequency domain of the new 2D spectrum space to obtain a final image.

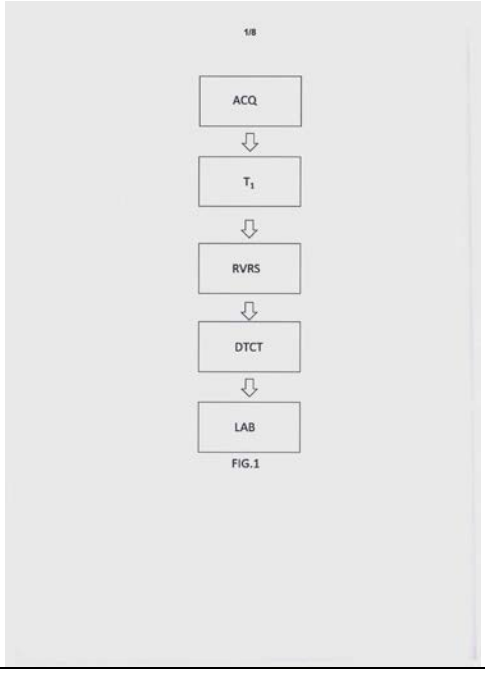


FIG.1

1- KH/P/2024/00026

2- A

3- METHOD FOR DETECTING AT LEAST ONE DEFECT ON A SUPPORT, DEVICE AND COMPUTER PROGRAM ASSOCIATED

4- AQC INDUSTRY [FR]

5- MAGRANGEAS, Pierre [FR]; BRACICH, Christian [IT]; VELOZ PARRA, Wilson [FR]; POTIECHER, Stephanie [FR]; BERTH ELIER, Benoit [FR]; NDIAYE, Omar Chimere [FR]; BINET, Adrien [FR]; SENAC, Caroline [FR]; TOUSSAINT, Nicolas [FR]; FERRET, Renard [FR]; DR!, Carlo [IT] and ZERJAL, Igor [IT]

6- HAVIP (CAMBODIA) IP SERVICE

7- G01N 21/88, G06T 5/00, G06T 5/10, G06T 7/00

8- KH/P/2024/00026

9- Receiving Date: 03/05/2024

PCT Filing Date: 29/09/2022 PCT Applicaiton Number: PCT/EP2022/077179

10- 21315194.7 01/10/2021 EP

11- Method for detecting at least one defect on a support such as a fabric or a brick, the method comprising: ■ Acquiring (ACQ) at least one first image of the support; ■ Generating a second image that corresponds to the 2D spectrum space of the at least one first image; ■ Sh least a first area of the 2D spectrum space toward a second area of the 2D spectrum space; ■ Filt space to remove at least one predefined pattern of the support; ■ a selected frequency range from a second area of the new 2D spectrum space toward a first area of the new 2D spectrum space; ■ Reve transformation of the frequency domain of the new 2D spectrum space to obtain a final image.

12-

FIG.1

(19)- KH/P/2025/00028

(12)- ក

(54)- A MAGNETIC TOROID AND A MAGNETICALLY ACTUATED ROTARY COUPLING DEVICE COMPRISING THEREOF

(75)- HERMSEN, Franciscus Johannes [MY]

(73)- HERMSEN, Franciscus Johannes [MY]

(74)- Kimly IP Service

(51)- H01F 17/06, H01F 7/14, H02K 7/09

(45)- KH/P/2025/00028

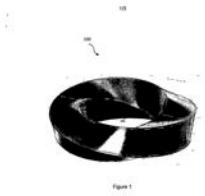
(86)- Receiving Date: 09/05/2024

PCT Filing Date: 28/01/2022 PCT Applicaiton Number: PCT/MY2022/050007

(30)- PL2022000412 20/01/2022 MY

(57)- The present invention relates to a magnetic toroid (1 00) characterized by a Mobius-like toroid twisted by a degree, wherein the cross section of the Mobius-like toroid is a closed shape with at least four straight sides, wherein each side of the Mob ius-like toroid is orthogonally magnetized to form the magnetic toroid (1 00), thereby creating a magnetic field having rotating polarity around the magnetic toroid (1 00) when the magnetic toroid (1 00) is spinning on its axis. The present invention also relates to a magnetically actuated rotary coupling device (200) comprising a first magnetic toroid (101) and a second magnetic toroid (102) being disposed adjacent to the first magnetic toroid (101), wherein the first magnetic toroid (101) is rotatable on its own axis relative to motion of the second magnetic toroid (1 02) when portions of their respective magnetic fields interact with each other.

(16)



1- KH/P/2024/00028

2- A

3- A MAGNETIC TOROID AND A MAGNETICALLY ACTUATED ROTARY COUPLING DEVICE COMPRISING THEREOF

4- HERMSEN, Franciscus Johannes [MY]

5- HERMSEN, Franciscus Johannes [MY]

6- Kimly IP Service

7- H01F 17/06, H01F 7/14, H02K 7/09

8- KH/P/2024/00028

9- Receiving Date: 09/05/2024

PCT Filing Date: 28/01/2022 PCT Applicaiton Number: PCT/MY2022/050007

10- PL2022000412 20/01/2022 MY

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12- 

(19)- KH/P/2025/00029

(20)- ក

(54)- ROTARY TYPE SPOT SEEDING APPARATUS

(71)- SEAANKOREA CO.,LTD [KR]

(72)- KIM SEON AH [KR]; YEOM SANG MIN [KR]; YEOM MIN SU [KR]; YEOM JOO HYEOP [KR] and PARK KWANG HO [KR]

(74)- ILAW CAMNBODIA

(77)-

(86)- KH/P/2025/00029

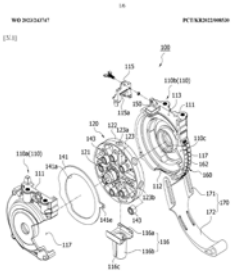
(87)- Receiving Date: 21/05/2024

PCT Filing Date: 16/06/2022 PCT Applicaiton Number: PCT/KR2022/008530

(30)-

(57)- A rotary-type spot seeding apparatus according to the present embodiment changes the volume of a rice seed groove provided in a rice seed feeding wheel so that the volume of the rice seed groove is changed to be larger in the 11 o'clock direction as compared with the 12 o'clock direction. Thus, the rice seeds can be primarily prevented from being swept into a gap between a housing and the rice seed feeding wheel, and an evacuation groove is provided between the 12 o'clock direction and the 11 o'clock direction so as to secondarily prevent the rice seeds from being swept into a gap between the housing and a rice seed feeding roll.

(12)



1- KH/P/2024/00029

2- A

3- ROTARY TYPE SPOT SEEDING APPARATUS

4- SEAANKOREA CO.,LTD [KR]

5- KIM SEON AH [KR]; YEOM SANG MIN [KR]; YEOM MIN SU [KR]; YEOM JOO HYEOP [KR] and PARK KWANG HO [KR]

6- ILAW CAMNBODIA

7-

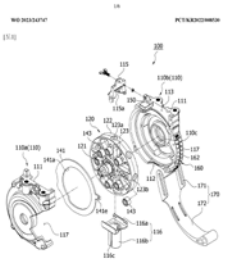
8- KH/P/2024/00029

9- Receiving Date: 21/05/2024

PCT Filing Date: 16/06/2022 PCT Applicaiton Number: PCT/KR2022/008530

10-

11- A rotary-type spot seeding apparatus according to the present embodiment changes the volume of a rice seed groove provided in a rice seed feeding wheel so that the volume of the rice seed groove is changed to be larger in the 11 o'clock direction as compared with the 12 o'clock direction. Thus, the rice seeds can be primarily prevented from being swept into a gap between a housing and the rice seed feeding wheel, and an evacuation groove is provided between the 12 o'clock direction and the 11 o'clock direction so as to secondarily prevent the rice seeds from being swept into a gap between the housing and a rice seed feeding roll.

12- 

(19)- KH/P/2025/00030

(12)- A

(54)- BIOCOMPOSITE MEMBRANE MATERIAL, PREPARATION METHOD AND USE THEREOF

(71)- GUANGXI SHENGUAN COLLAGEN BIOLOGICAL GROUP COMPANY LIMITED [CN]

(72)- ZHOU, Yaxian [CN]; TSAI, Chen-Chih [CN] and WU, Song-Yi [CN]

(74)- VEASNA IP SERVICE CO., LTD

(77)-

(11)- KH/P/2025/00030

(43)- Receiving Date: 24/05/2024

PCT Filing Date: 12/04/2024 PCT Applicaiton Number: PCT/CN2024/087548

(30)- 202310425480.5 19/04/2023 CN

(57)- Disclosed is a biocomposite membrane material, a preparation method and use thereof. The biocomposite membrane material provided by the present disclosure comprises a dialdehyde cellulose compound and a biomaterial, wherein the biomaterial is selected from a collagen or a gelatin. The biocomposite membrane material provided by the present disclosure solves the problems of numerous additions, residues, and poor safety caused by use of cross-linking agents in existing protein casings and cellulose derivative-protein film, and improves the tensile strength and elongation at break.

Drawings

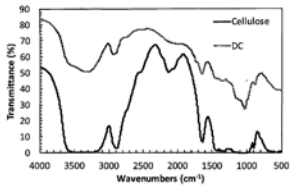


FIG. 1

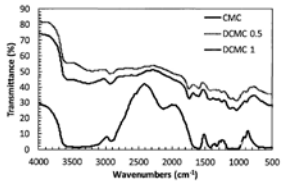


FIG. 2

1- KH/P/2024/00030

2- A

3- BIOCOMPOSITE MEMBRANE MATERIAL, PREPARATION METHOD AND USE THEREOF

4- GUANGXI SHENGUAN COLLAGEN BIOLOGICAL GROUP COMPANY LIMITED [CN]

5- ZHOU, Yaxian [CN]; TSAI, Chen-Chih [CN] and WU, Song-Yi [CN]

6- VEASNA IP SERVICE CO., LTD

7-

8- KH/P/2024/00030

9- Receiving Date: 24/05/2024
PCT Filing Date: 12/04/2024 PCT Applicaiton Number: PCT/CN2024/087548

10- 202310425480.5 19/04/2023 CN

11- Disclosed is a biocomposite membrane material, a preparation method and use thereof. The biocomposite membrane material provided by the present disclosure comprises a dialdehyde cellulose compound and a biomaterial, wherein the biomaterial is selected from a collagen or a gelatin. The biocomposite membrane material provided by the present disclosure solves the problems of numerous additions, residues, and poor safety caused by use of cross-linking agents in existing protein casings and cellulose derivative-protein film, and improves the tensile strength and elongation at break.

12-

Drawings

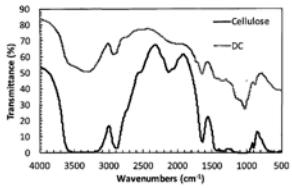


FIG. 1

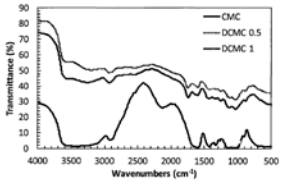


FIG. 2

(11)- KH/P/2025/00031

(12)- A

(13)- POLYURETHANE COMPOSITION

(14)- HUNTSMAN PETROCHEMICAL LLC [US]

(15)- WU,Min [CN]; LIANG, Yide [CN]; JI, Renjie [CN]; ZHANG, Yi [CN] and PAN, Feng [CN]

(16)- TILLEKE & GIBBINS (CAMBODIA) LTD.,

(17)-

(18)- KH/P/2025/00031

(19)- Receiving Date: 05/06/2024

PCT Filing Date: 13/12/2022 PCT Applicaiton Number: PCT/US2022/052697

(30)- PCT/CN2021 /137719 14/12/2021 CN

(57)- Polyurethane foam compositions having reduced odor and methods for producing the same are provided. The polyurethane foam compositions can include (a) a polyfunctional isocyanate; (b) an isocyanate reactive composition; and (c) an amine catalyst.

(62) None

1- KH/P/2024/00031

2- A

3- POLYURETHANE COMPOSITION

4- HUNTSMAN PETROCHEMICAL LLC [US]

5- WU,Min [CN]; LIANG, Yide [CN]; JI, Renjie [CN]; ZHANG, Yi [CN] and PAN, Feng [CN]

6- TILLEKE & GIBBINS (CAMBODIA) LTD.,

7-

8- KH/P/2024/00031

9- Receiving Date: 05/06/2024
PCT Filing Date: 13/12/2022 PCT Applicaiton Number: PCT/US2022/052697

10- PCT/CN2021 /137719 14/12/2021 CN

11- Polyurethane foam compositions having reduced odor and methods for producing the same are provided. The polyurethane foam compositions can include (a) a polyfunctional isocyanate; (b) an isocyanate reactive composition; and (c) an amine catalyst.

12- None

(11)- KH/P/2025/00032

(12)- ក

(13)- COLLAPSIBLE CONE TREE

(14)- HOLIDAY DESIGNS, LLC [US]

(15)- NGUY, Chunwa [US]

(16)- TILLEKE & GIBBINS (CAMBODIA) LTD.,

(17)- A47G 33/06, F21S 4/00

(18)- KH/P/2025/00032

(19)- Receiving Date: 06/06/2024

PCT Filing Date: 06/12/2022 PCT Applicaiton Number: PCT/US2022/051936

(30)- 18/075,157 05/12/2022 US and 63/286,831 07/12/2021 US

(57)- A collapsible cone tree includes a mast, a base plate mounted to an end of the mast and a plurality of legs, each having a first end pivotally mounted to the base plate and a free end, a plurality of struts, each having a first end pivotally mounted to a respective one of the legs intermediate the first end and the free end. A support member is slidably positioned on the mast, and the second end of each strut is pivotally mounted to the support member. The support member is moved away from the base plate to collapse the legs toward the mast to a closed state, and is moved toward the base plate to open the legs away from the mast to an open state. Flexible stringers, such as LED light strings extend between the legs' free ends and a top of the mast.

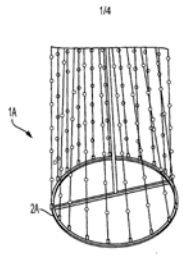


FIG. 1A
PRIOR ART

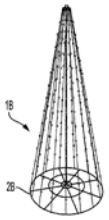


FIG. 1B
PRIOR ART

1- KH/P/2024/00032

2- A

3- COLLAPSIBLE CONE TREE

4- HOLIDAY DESIGNS, LLC [US]

5- NGUY, Chunwa [US]

6- TILLEKE & GIBBINS (CAMBODIA) LTD.,

7- A47G 33/06, F21S 4/00

8- KH/P/2024/00032

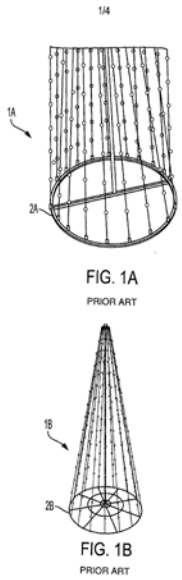
9- Receiving Date: 06/06/2024

PCT Filing Date: 06/12/2022 PCT Applicaiton Number: PCT/US2022/051936

10- 18/075,157 05/12/2022 US and 63/286,831 07/12/2021 US

11- A collapsible cone tree includes a mast, a base plate mounted to an end of the mast and a plurality of legs, each having a first end pivotally mounted to the base plate and a free end, a plurality of struts, each having a first end pivotally mounted to a respective one of the legs intermediate the first end and the free end. A support member is slidably positioned on the mast, and the second end of each strut is pivotally mounted to the support member. The support member is moved away from the base plate to collapse the legs toward the mast to a closed state, and is moved toward the base plate to open the legs away from the mast to an open state. Flexible stringers, such as LED light strings extend between the legs' free ends and a top of the mast.

12-



(១)- KH/P/២០២៥/០០០៣៥

(២)- ក

(៣)- CLAZOSENTAN DISODIUM SALT, ITS PREPARATION AND PHARMACEUTICAL COMPOSITIONS COMPRISING THE SAME

(៤)- Sosei Group Corporation [JP]

(៥)- AIGLSTORFER-HAAG, Iris [SZ] and ISARNO, Thomas [SZ]

(៦)- TILLEKE & GIBBINS (CAMBODIA) LTD.,

(៧)- A61K 31/506, A61P 9/00, C07D 401/14

(៨)- KH/P/២០២៥/០០០៣៥

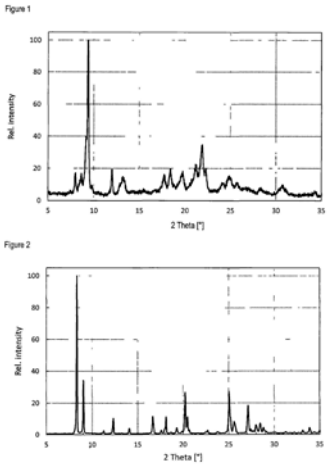
(៩)- Receiving Date: 14/06/2024

PCT Filing Date: 16/12/2022 PCT Applicaiton Number: PCT/EP2022/086423

(១០)- 21215583.2 17/12/2021 EP

(១១)- The present invention relates to clazosentan disodium salt and a process for the preparation thereof.

(១២)



1- KH/P/2024/00034

2- A

3- CLAZOSENTAN DISODIUM SALT, ITS PREPARATION AND PHARMACEUTICAL COMPOSITIONS COMPRISING THE SAME

4- Sosei Group Corporation [JP]

5- AIGLSTORFER-HAAG, Iris [SZ] and ISARNO, Thomas [SZ]

6- TILLEKE & GIBBINS (CAMBODIA) LTD.,

7- A61K 31/506, A61P 9/00, C07D 401/14

8- KH/P/2024/00034

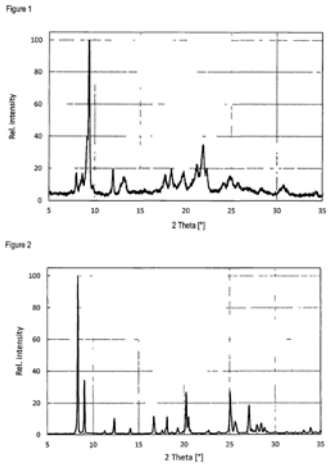
9- Receiving Date: 14/06/2024

PCT Filing Date: 16/12/2022 PCT Applicaiton Number: PCT/EP2022/086423

10- 21215583.2 17/12/2021 EP

11- The present invention relates to clazosentan disodium salt and a process for the preparation thereof.

12-



(19) KH/P/2025/00036

(12) ក

(54) METHOD AND COMPOSITION FOR SUPPORTING NORMAL BLOOD CALCIUM CONCENTRATIONS IN MAMMALS

(71) CONTRACT MANUFACTURING SERVICES, LLC [US]

(72) GOFF, Jesse Paul [US]; SILBERHORN, Tucker James [US] and HUNDT, Brian Thomas [US]

(74) VEASNA IP SERVICE CO., LTD

(51) A61K 31/59, A61K 33/06, A61K 33/14, A61P 3/14

(11) KH/P/2025/00036

(43) Receiving Date: 21/06/2024

PCT Filing Date: 06/02/2023 PCT Applicaiton Number: PCT/US2023/012408

(30) 17/722,789 18/04/2022 US and 63/308,838 10/02/2022 US

(57) A composition for oral administration to a periparturient mammal at risk of developing hypocalcemia within 0-6 hours after parturition; the composition comprising a form of calcium rapidly absorbable by the periparturient mammal using passive paracellular transport across the intestinal epithelium and a 1-alpha hydroxylated vitamin D compound in an amount sufficient to stimulate active transport of calcium across the intestinal epithelium,/ the calcium and the 1-alpha hydroxylated vitamin D being administered concurrently to support maintenance of normal blood calcium concentrations in the periparturient mammal.

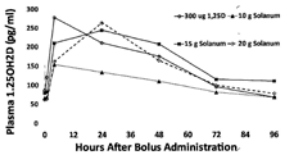

300 ug 1,25D
10 g Solanum
15 g Solanum
20 g Solanum
Plasma 1.25OH2D (pg/ml)
300
250
200
150
100
50
0
0
12
24
36
48
60
72
84
96
Hours After Bolus Administration

FIG. 1

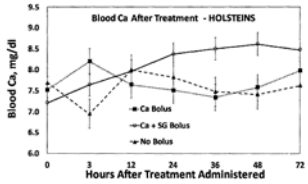

Blood Ca After Treatment - HOLSTEINS
Blood Ca, mg/dl
9.5
9.0
8.5
8.0
7.5
7.0
6.5
6.0
Ca Bolus
Ca + SG Bolus
No Bolus
0
3
12
24
36
48
72
Hours After Treatment Administered

FIG. 2

1- KH/P/2024/00036

2- A

3- METHOD AND COMPOSITION FOR SUPPORTING NORMAL BLOOD CALCIUM CONCENTRATIONS IN MAMMALS

4- CONTRACT MANUFACTURING SERVICES, LLC [US]

5- GOFF, Jesse Paul [US]; SILBERHORN, Tucker James [US] and HUNDT, Brian Thomas [US]

6- VEASNA IP SERVICE CO., LTD

7- A61K 31/59, A61K 33/06, A61K 33/14, A61P 3/14

8- KH/P/2024/00036

9- Receiving Date: 21/06/2024

PCT Filing Date: 06/02/2023 PCT Applicaiton Number: PCT/US2023/012408

10- 17/722,789 18/04/2022 US and 63/308,838 10/02/2022 US

11- A composition for oral administration to a periparturient mammal at risk of developing hypocalcemia within 0-6 hours after parturition; the composition comprising a form of calcium rapidly absorbable by the periparturient mammal using passive paracellular transport across the intestinal epithelium and a 1-alpha hydroxylated vitamin D compound in an amount sufficient to stimulate active transport of calcium across the intestinal epithelium,/ the calcium and the 1-alpha hydroxylated vitamin D being administered concurrently to support maintenance of normal blood calcium concentrations in the periparturient mammal.

12-

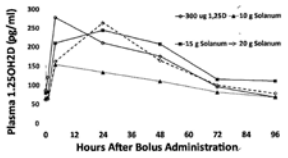

300 ug 1,25D
10 g Solanum
15 g Solanum
20 g Solanum
Plasma 1,25OH2D (pg/ml)
300
250
200
150
100
50
0
0
12
24
36
48
60
72
84
96
Hours After Bolus Administration

FIG. 1

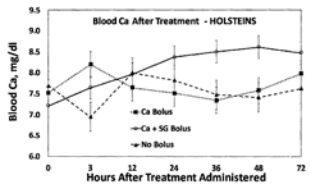

Blood Ca After Treatment - HOLSTEINS
Blood Ca, mg/dl
9.5
9.0
8.5
8.0
7.5
7.0
6.5
6.0
Ca Bolus
Ca + SG Bolus
No Bolus
0
3
12
24
36
48
72
Hours After Treatment Administered

FIG. 2

(១)- KH/P/២០២៥/០០០៣៧

(២)- ក

(៣)- NUT LOCKING TOOL AND NUT

(៤)- TIRE SERVICE CENTER Co., Ltd. [JP] and EIWA ELECTRIC CO., LTD [JP]

(៥)- MISHIMA Katsumi [JP] and NAKAMURA Yoshinori [JP]

(៦)- TILLEKE & GIBBINS(CAMBODIA) LTD.,

(៧)- B60B 3/16, F16B 39/10

(៨)- KH/P/២០២៥/០០០៣៧

(៩)- Receiving Date: 27/06/2024

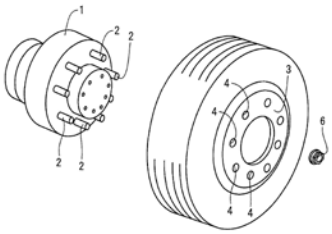
PCT Filing Date: 08/12/2022 PCT Applicaiton Number: PCT/JP2022/045213

(៣០)- JP2022-005033 17/01/2022 JP

(៣៩)- Ensure that the nuts are prevented from loosening and eventually falling off under conditions of intermittent and continuous shock and vibration. The nut locking tool 5 is equipped with a plurality of nuts 6 that are screwed onto bolts 2 protruding from the rotating hub 1 to attach the rotating body 3 to the rotating hub 1, and a binding band 11 that is wrapped around the plurality of nuts 6. On the side surface of each nut 6, an engagement groove 10 extending along the direction of nut rotation is formed. Under fastening, the banding band 11 is looped so that the banding band 12 fits into the engagement grooves 10 of each nut 6, which are equally spaced 10 along the circumferential direction relative to the center of rotation of the rotor 3. The band 11 is tightened into a loop so that the band 12 fits into the engagement grooves of the band 11.

១២

FIG.1



1- KH/P/2024/00037

2- A

3- NUT LOCKING TOOL AND NUT

4- TIRE SERVICE CENTER Co., Ltd. [JP] and EIWA ELECTRIC CO., LTD [JP]

5- MISHIMA Katsumi [JP] and NAKAMURA Yoshinori [JP]

6- TILLEKE & GIBBINS(CAMBODIA) LTD.,

7- B60B 3/16, F16B 39/10

8- KH/P/2024/00037

9- Receiving Date: 27/06/2024

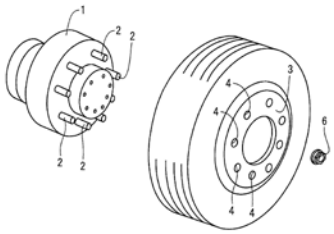
PCT Filing Date: 08/12/2022 PCT Applicaiton Number: PCT/JP2022/045213

10- JP2022-005033 17/01/2022 JP

11- Ensure that the nuts are prevented from loosening and eventually falling off under conditions of intermittent and continuous shock and vibration. The nut locking tool 5 is equipped with a plurality of nuts 6 that are screwed onto bolts 2 protruding from the rotating hub 1 to attach the rotating body 3 to the rotating hub 1, and a binding band 11 that is wrapped around the plurality of nuts 6. On the side surface of each nut 6, an engagement groove 10 extending along the direction of nut rotation is formed. Under fastening, the banding band 11 is looped so that the banding band 12 fits into the engagement grooves 10 of each nut 6, which are equally spaced 10 along the circumferential direction relative to the center of rotation of the rotor 3. The band 11 is tightened into a loop so that the band 12 fits into the engagement grooves of the band 11.

12-

FIG.1



(19)- KH/P/2025/00038

(20)- ក

(54)- CONJUGATES BINDING PHOSPHATIDYLSERINE AND TOLL-LIKE RECEPTORS

(71)- CANBAS CO., LTD [JP]

(72)- KAWABE, Takumi [JP]; SATO, Takuji [JP]; KIBE, Tatsuya [JP]; HIBINO, Toshiyuki [JP]; FRIEDMAN, Jonathan M. [JP]; YAMAMOTO, Sayaka [JP] and SUDA, Chikako [JP]

(74)- VEASNA IP SERVICE CO., LTD

(51)- A61K 47/55, A61K 47/64, A61K 47/68, A61P 35/00

(11)- KH/P/2025/00038

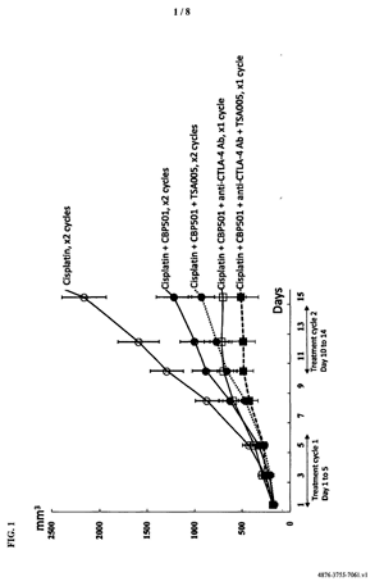
(22)- Receiving Date: 01/07/2024

PCT Filing Date: 30/12/2022 PCT Applicaiton Number: PCT/IB2022/062902

(30)- 63/295,462 30/12/2021 US

(57)- Presented herein, in certain aspects, are conjugates capable of binding phosphatidylserine (PS) and toll-like receptors (TLRs), and their uses for the treatment of selected diseases and disorders, such as cancer.

(12)



1- KH/P/2024/00038

2- A

3- CONJUGATES BINDING PHOSPHATIDYLSERINE AND TOLL-LIKE RECEPTORS

4- CANBAS CO., LTD [JP]

5- KAWABE, Takumi [JP]; SATO, Takuji [JP]; KIBE, Tatsuya [JP]; HIBINO, Toshiyuki [JP]; FRIEDMAN, Jonathan M. [JP]; YAMAMOTO, Sayaka [JP] and SUDA, Chikako [JP]

6- VEASNA IP SERVICE CO., LTD

7- A61K 47/55, A61K 47/64, A61K 47/68, A61P 35/00

8- KH/P/2024/00038

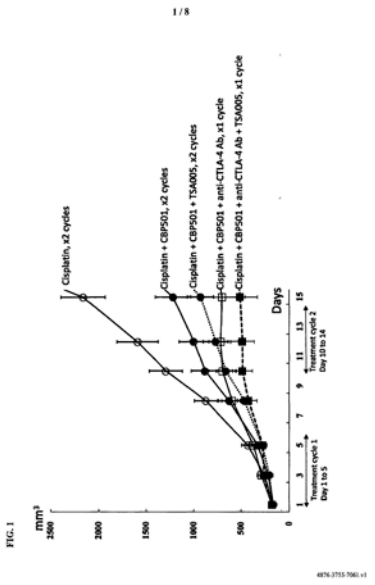
9- Receiving Date: 01/07/2024

PCT Filing Date: 30/12/2022 PCT Applicaiton Number: PCT/IB2022/062902

10- 63/295,462 30/12/2021 US

11- Presented herein, in certain aspects, are conjugates capable of binding phosphatidylserine (PS) and toll-like receptors (TLRs), and their uses for the treatment of selected diseases and disorders, such as cancer.

12-



(11)- KH/P/2025/00039

(12)- B

(54)- LIQUID LEVEL DETECTION UNIT FOR DRAINAGE EQUIPMENT

(71)- MINEBEA MITSUMI INC [JP]

(72)- Kiyoshi OMORI [JP]; Jin SAKAI [JP] and Hirotsugu IIJIMA [JP]

(74)- Angkor IP

(51)- E03F 5/10, E03F 7/00, G01F 23/56

(86)- KH/P/2025/00039

(87)- Receiving Date: 02/07/2024

PCT Filing Date: 02/07/2021 PCT Applicaiton Number: PCT/JP2021/025074

(30)- 2020-147125 01/09/2020 JP

(57)- A technology that enhances the degree of freedom of installation of a liquid level sensor and makes it easy for the liquid level sensor to tilt and to float up while suppressing adherence of foreign matter to the float-type water liquid level sensor is provided. A liquid level detection unit for a drainage equipment includes a float-type liquid level sensor (20) that is suspended in the drainage equipment via a cable (30), and detects a liquid surface has reached a predetermined liquid level, and a support part (12A) that extends in an extension direction of the cable (30) in the drainage equipment, and supports the liquid level sensor (20) so that the liquid level sensor can float up via the cable (30). In the liquid level sensor (20), an extension direction of an axis (xl) that extends from one end (21), which is connected to the cable (30), to another end (22) opposite the cable (30) intersects with the extension direction of the cable (30) in a state in which the liquid level sensor (20) is supported at the support part

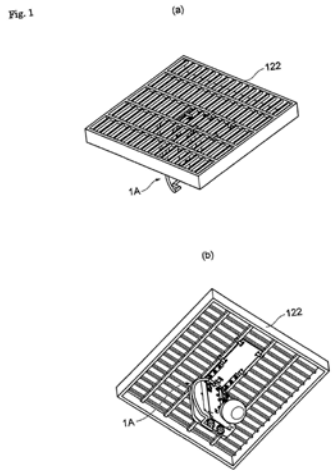


Fig. 1
(a)
122
1A
(b)
122
1A

1- KH/P/2024/00039

2- A

3- LIQUID LEVEL DETECTION UNIT FOR DRAINAGE EQUIPMENT

4- MINEBEA MITSUMI INC [JP]

5- Kiyoshi OMORI [JP]; Jin SAKAI [JP] and Hirotsugu IIJIMA [JP]

6- Angkor IP

7- E03F 5/10, E03F 7/00, G01F 23/56

8- KH/P/2024/00039

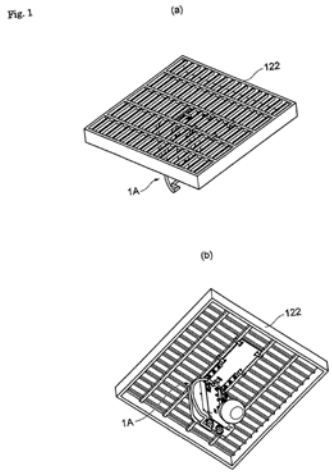
9- Receiving Date: 02/07/2024

PCT Filing Date: 02/07/2021 PCT Applicaiton Number: PCT/JP2021/025074

10- 2020-147125 01/09/2020 JP

11- A technology that enhances the degree of freedom of installation of a liquid level sensor and makes it easy for the liquid level sensor to tilt and to float up while suppressing adherence of foreign matter to the float-type water liquid level sensor is provided. A liquid level detection unit for a drainage equipment includes a float-type liquid level sensor (20) that is suspended in the drainage equipment via a cable (30), and detects a liquid surface has reached a predetermined liquid level, and a support part (12A) that extends in an extension direction of the cable (30) in the drainage equipment, and supports the liquid level sensor (20) so that the liquid level sensor can float up via the cable (30). In the liquid level sensor (20), an extension direction of an axis (xl) that extends from one end (21), which is connected to the cable (30), to another end (22) opposite the cable (30) intersects with the extension direction of the cable (30) in a state in which the liquid level sensor (20) is supported at the support part

12-



(19) KH/P/2025/00050

(12) ក

(54) LIQUID LEVEL DETECTION UNIT FOR DRAINAGE EQUIPMENT

(71) MINEBEA MITSUMI INC [JP]

(72) OMORI Kiyoshi [JP] and SAKAIJin [JP]

(74) Angkor IP

(51) G01F 23/46

(11) KH/P/2025/00050

(86) Receiving Date: 03/07/2024

PCT Filing Date: 29/11/2022 PCT Applicaiton Number: PCT/JP2022/044006

(30) 2022-010668 27/01/2022 JP

(57) An inconvenient effect on a liquid level sensor due to rain and wind in drainage equipment is reduced. A liquid level detection unit (1) is characterized by including a floattype liquid level sensor (30) to be hung in a rainwater basin (1 00) via a cable (40) to detect that a liquid level reaches a predetermined liquid level, a support plate (12) that supports the liquid level sensor (30) in a floatable manner in the rainwater basin (100), a cable guide member (50) attached to the cable (40), and having an introduction portion (53) where the cable (40) is introduced, and a lead-out portion (54) for leading out the cable at a position where an extending direction of the introduced cable (40) is changed, and a fixing plate (60) that fixes the cable guide member (50) to the support plate (12) so that the lead-out portion (54) faces a side opposite to the support plate (12)

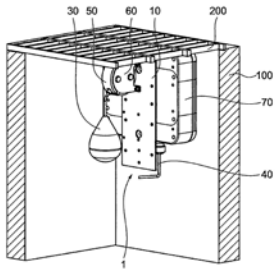


Fig.1A

1- KH/P/2024/00040

2- A

3- LIQUID LEVEL DETECTION UNIT FOR DRAINAGE EQUIPMENT

4- MINEBEA MITSUMI INC [JP]

5- OMORI Kiyoshi [JP] and SAKAIJin [JP]

6- Angkor IP

7- G01F 23/46

8- KH/P/2024/00040

9- Receiving Date: 03/07/2024

PCT Filing Date: 29/11/2022 PCT Applicaiton Number: PCT/JP2022/044006

10- 2022-010668 27/01/2022 JP

11- An inconvenient effect on a liquid level sensor due to rain and wind in drainage equipment is reduced. A liquid level detection unit (1) is characterized by including a floattype liquid level sensor (30) to be hung in a rainwater basin (1 00) via a cable (40) to detect that a liquid level reaches a predetermined liquid level, a support plate (12) that supports the liquid level sensor (30) in a floatable manner in the rainwater basin (100), a cable guide member (50) attached to the cable (40), and having an introduction portion (53) where the cable (40) is introduced, and a lead-out portion (54) for leading out the cable at a position where an extending direction of the introduced cable (40) is changed, and a fixing plate (60) that fixes the cable guide member (50) to the support plate (12) so that the lead-out portion (54) faces a side opposite to the support plate (12)

12-

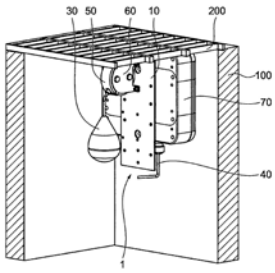


Fig.1A

(១)- KH/P/២០២៥/០០០៤៣

(២)- ក

(៣)- COMPUTER-IMPLEMENTED VISUAL QUERY MATCHING METHODS, AND SYSTEMS FOR IMPLEMENTING THEREOF

(៤)- TANARCORP [CA]

(៥)- KASHYAP, A run [CA]

(៦)- រ៉ូស & ខូ (ខេមបូឌា) ឯ.ក.

(៧)- G06F 16/903, G06F 16/9035, G06F 16/9038

(៨)- KH/P/២០២៥/០០០៤៣

(៩)- Receiving Date: 24/07/2024

PCT Filing Date: 20/09/2022 PCT Applicaiton Number: PCT/CA2022/051391

(១០)- US17/945,551 15/09/2022 US

(១១)- The embodiments described herein are directed to computer-implemented visual query matching methods and systems for implementing thereof. An example method includes storing first query data including queries associated with a first set of users, wherein each query includes selected criteria from multiple query criteria and first filter data for the multiple query criteria; storing second query data including metadata and queries associated with a second set of users, wherein each query includes selected criteria from the multiple query criteria and second filter data for the multiple query criteria; determining, by a processor, matching users from the second set of users for a first user of the first set of users; and providing, by the processor to the first user, a dashboard display including a matrix of the matching users.

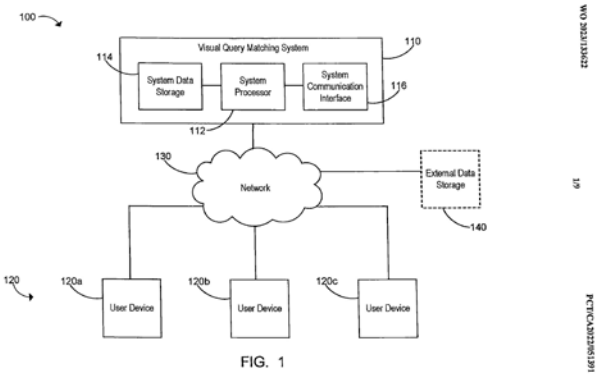

100
Visual Query Matching System
110
114
System Data Storage
System Processor
System Communication Interface
116
112
130
Network
External Data Storage
140
120
120a
User Device
120b
User Device
120c
User Device

FIG. 1

1- KH/P/2024/00043

2- A

3- COMPUTER-IMPLEMENTED VISUAL QUERY MATCHING METHODS, AND SYSTEMS FOR IMPLEMENTING THEREOF

4- TANARCORP [CA]

5- KASHYAP, A run [CA]

6- រ៉ូស & ខូ (ខេមបូឌា) ឯ.ក.

7- G06F 16/903, G06F 16/9035, G06F 16/9038

8- KH/P/2024/00043

9- Receiving Date: 24/07/2024

PCT Filing Date: 20/09/2022 PCT Applicaiton Number: PCT/CA2022/051391

10- US17/945,551 15/09/2022 US

11- The embodiments described herein are directed to computer-implemented visual query matching methods and systems for implementing thereof. An example method includes storing first query data including queries associated with a first set of users, wherein each query includes selected criteria from multiple query criteria and first filter data for the multiple query criteria; storing second query data including metadata and queries associated with a second set of users, wherein each query includes selected criteria from the multiple query criteria and second filter data for the multiple query criteria; determining, by a processor, matching users from the second set of users for a first user of the first set of users; and providing, by the processor to the first user, a dashboard display including a matrix of the matching users.

12-

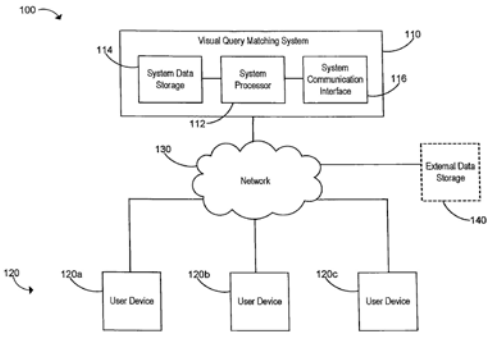

100
Visual Query Matching System
110
114
System Data Storage
System Processor
System Communication Interface
116
112
130
Network
External Data Storage
140
120
120a
120b
120c
User Device
User Device
User Device

FIG. 1

(19)- KH/P/2025/00055

(12)- ក

(54)- LOW-COST STRUCTURE FOR PURIFYING AND CONTAINING HIGH CLARITY WATER THAT IS USED FOR DIRECT CONTACT RECREATIONAL PURPOSES

(71)- CRYSTAL LAGOONS TECHNOLOGIES, INC [US]

(72)- FISCH MANN, Fernando [US]

(74)- HAVIP (CAMBODIA) IP SERVICE

(51)- C02F 103/42, E04H 4/12

(11)- KH/P/2025/00055

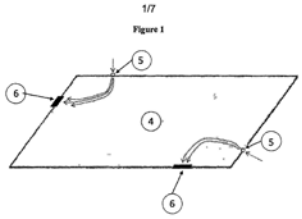
(43)- Receiving Date: 31/07/2024

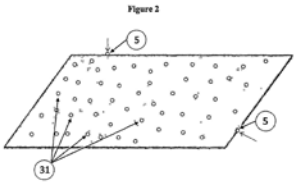
PCT Filing Date: 01/02/2023 PCT Applicaiton Number: PCT/US2023/061777

(30)- 17/871,830 22/07/2022 US and 63/306,826 04/02/2022 US

(57)- A low-cost structure is for the containment of high clarity water. The structure allows for the purification of water that is used for direct contact recreational purposes

(13)





1- KH/P/2024/00045

2- A

3- LOW-COST STRUCTURE FOR PURIFYING AND CONTAINING HIGH CLARITY WATER THAT IS USED FOR DIRECT CONTACT RECREATIONAL PURPOSES

4- CRYSTAL LAGOONS TECHNOLOGIES, INC [US]

5- FISCH MANN, Fernando [US]

6- HAVIP (CAMBODIA) IP SERVICE

7- C02F 103/42, E04H 4/12

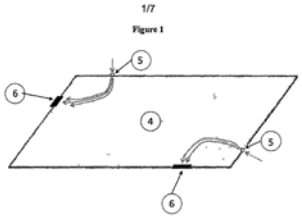
8- KH/P/2024/00045

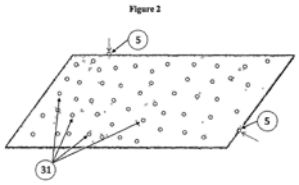
9- Receiving Date: 31/07/2024
PCT Filing Date: 01/02/2023 PCT Applicaiton Number: PCT/US2023/061777

10- 17/871,830 22/07/2022 US and 63/306,826 04/02/2022 US

11- A low-cost structure is for the containment of high clarity water. The structure allows for the purification of water that is used for direct contact recreational purposes

12-





(19)- KH/P/2025/00045

(12)- A

(54)- FUNGICIDES AND USES THEREOF

(71)- UNIVERSITY OF EXETER [GB]

(72)- STEINBERG, Gero [GB] and GURR, Sarah [GB]

(74)- Abacus IP

(51)- A01N 31/02, A01N 33/12, A01N 47/44

(11)- KH/P/2025/00045

(45)- Receiving Date: 15/08/2024

PCT Filing Date: 06/02/2023 PCT Applicaiton Number: PCT/GB2023/050258

(30)- 2202216.4 18/02/2022 GB

(57)- The invention provides use of at least one compound with a formula independently selected from the group comprising: R-$S^{+}(R')_2$, R-$N^{+}(R')_3$, and R-$N(H)C(NH_2)_2^{+}$, and further comprising an agriculturally acceptable counterion; wherein R is a C8-C32 straight chain or branched alkyl; and where present, each R' is independently selected from the group comprising: methyl, ethyl, propyl, isopropyl, and butyl; as an antifungal agent against at least one fungal disease selected from *Fusarium oxysporum* f.sp. *cubense* Tropical Race 4-mediated fungal disease and any strains, variants and pathotypes thereof.

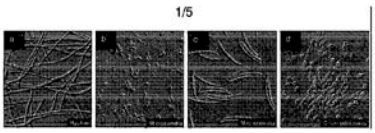


Fig. 1

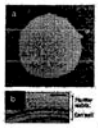


Fig. 2

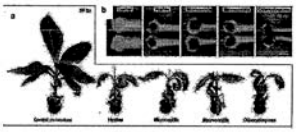


Fig. 3

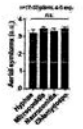


Fig. 4

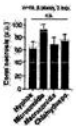


Fig. 5

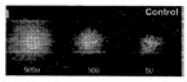


Fig. 6

1- KH/P/2024/00048

2- A

3- FUNGICIDES AND USES THEREOF

4- UNIVERSITY OF EXETER [GB]

5- STEINBERG, Gero [GB] and GURR, Sarah [GB]

6- Abacus IP

7- A01N 31/02, A01N 33/12, A01N 47/44

8- KH/P/2024/00048

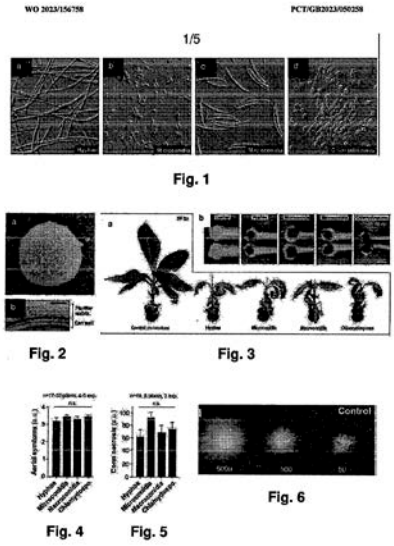
9- Receiving Date: 15/08/2024

PCT Filing Date: 06/02/2023 PCT Applicaiton Number: PCT/GB2023/050258

10- 2202216.4 18/02/2022 GB

11- The invention provides use of at least one compound with a formula independently selected from the group comprising: R-$S^{+}(R')_2$, R-$N^{+}(R')_3$, and R-$N(H)C(NH_2)_2^{+}$, and further comprising an agriculturally acceptable counterion; wherein R is a C8-C32 straight chain or branched alkyl; and where present, each R' is independently selected from the group comprising: methyl, ethyl, propyl, isopropyl, and butyl; as an antifungal agent against at least one fungal disease selected from *Fusarium oxysporum* f.sp. *cubense* Tropical Race 4-mediated fungal disease and any strains, variants and pathotypes thereof.

12-


WO 2023/156758
PCT/GB2023/050258
1/5
Fig. 1
Fig. 2
Fig. 3
Fig. 4
Fig. 5
Control
Fig. 6

(19) KH/P/2025/00049

(12) A

(54) BRACKET AND STORAGE RACK SYSTEM

(71) HANGZHOU GREAT STAR INDUSTRIAL CO., LTD. [CN]

(72) LI, Yueming [CN]

(74) ABACUS IP

(51) A47B 96/02, A47B 96/06

(11) KH/P/2025/00049

(22) Receiving Date: 03/09/2024

PCT Filing Date: 17/03/2022 PCT Applicaiton Number: PCT/CN2022/081323

(30)

(57) A bracket (100) and a storage rack system. The bracket (100) is configured to be connected to a bearing component in the storage rack system, and the bracket (100) comprises a connecting portion (101) and a plurality of fitting portions. The connecting portion (101) is arranged at one end of the bracket (100), the plurality of fitting portions are of at least two different structures, and the plurality of fitting portions are each configured to be capable of being connected to the bearing components of at least two different structures. The storage rack system comprises a vertical beam (300), a cross beam (400), the bracket (100), and the bearing component, wherein the vertical beam (300) is detachably connected to the cross beam (400), and one end of the bracket (100) is connected to the vertical beam (300); the bearing component is connected to the bracket (100); and the bracket (100) is configured to be capable of being connected to the bearing components of the at least two different structures.

១២

Drawings of the description

1/15

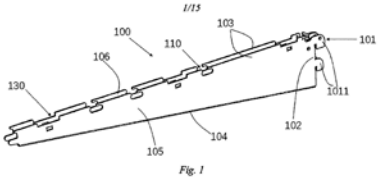


Fig. 1

1- KH/P/2024/00049

2- A

3- BRACKET AND STORAGE RACK SYSTEM

4- HANGZHOU GREAT STAR INDUSTRIAL CO., LTD. [CN]

5- LI, Yueming [CN]

6- ABACUS IP

7- A47B 96/02, A47B 96/06

8- KH/P/2024/00049

9- Receiving Date: 03/09/2024

PCT Filing Date: 17/03/2022 PCT Applicaiton Number: PCT/CN2022/081323

10-

11- A bracket (100) and a storage rack system. The bracket (100) is configured to be connected to a bearing component in the storage rack system, and the bracket (100) comprises a connecting portion (101) and a plurality of fitting portions. The connecting portion (101) is arranged at one end of the bracket (100), the plurality of fitting portions are of at least two different structures, and the plurality of fitting portions are each configured to be capable of being connected to the bearing components of at least two different structures. The storage rack system comprises a vertical beam (300), a cross beam (400), the bracket (100), and the bearing component, wherein the vertical beam (300) is detachably connected to the cross beam (400), and one end of the bracket (100) is connected to the vertical beam (300); the bearing component is connected to the bracket (100); and the bracket (100) is configured to be capable of being connected to the bearing components of the at least two different structures.

12-

Drawings of the description

1/15

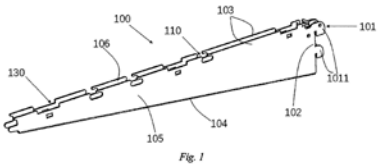


Fig. 1

(19)- KH/P/២០២៤/០០០៥០

(12)- ក

(54)- FORMING MOLD AND METHOD FOR CARBON FIBER COMPOSITE MATERIAL

(71)- XIAMEN HONGJIWEIYE INDUSTRIAL CO., LTD. [CN]

(72)- WANG, Jingshan [CN]; CHEN, Shunhe [CN] and ZHANG, Haibing [CN]

(74)- VIRAKBOT AND ASSOCIATES LAW OFFICE

(51)- B29C 33/00, B29C 70/34, B29C 70/54

(11)- KH/P/២០២៤/០០០៥០

(22)- Receiving Date: 05/09/2024

PCT Filing Date: 10/08/2022 PCT Applicaiton Number: PCT/CN2022/11145

(30)- 202210798163.3 06/07/2022 CN

(57)- Disclosed in the present invention are a forming mold and method for a carbon fiber composite material. The mold comprises a curing mold and a preform shell mold capable of being detachably assembled; the curing mold is provided with a curing cavity for accommodating the preform shell mold; the preform shell mold is provided with a preform cavity matching the structure of a formed product; a plurality of preform layers made of the carbon fiber composite material are laid on the inner wall of the preform cavity to form a preform of a product; a nylon air tube is provided in the preform cavity; and the nylon air tube supports, in an inflated state, the preform layer to be tightly attached to the inner wall of the preform cavity. According to the forming mold and method for the carbon fiber composite material provided by the present invention, layer-by-layer laying is performed from outside to inside, so that reinforcement can be directly performed in an inside local area needing to be strengthened, thereby ensuring the overall strength of the formed product, making the surface of the product smooth and flat, omitting the subsequent surface smoothing process after product formation, and reducing labor costs.

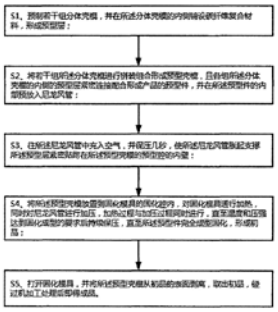

S1、预制若干组分体壳模，并在所述分体壳模的内侧铺设碳纤维复合材料，形成预型层；
S2、将若干组所述分体壳模进行拼装组合形成预型壳模，且在组所述分体壳模的内侧的预型层表面连接配合形成产品的预型件，并在所述预型件的内部预放入尼龙风管；
S3、往所述尼龙风管中充入空气，并保压几秒，使所述尼龙风管膨起支撑所述预型层紧贴在所述预型壳模的预型腔的内壁；
S4、将所述预型壳模放置到高化模具的高化腔内，对高化模具进行加热，同时对尼龙风管进行加压，加热过程与加压过程同时进行，直至温度和压强达到高化成型的要求时保保压，直至所述预型件完全成型高化，形成初品；
S5、打开高化模具，并将所述预型壳模从初品的表面剥离，取出初品，经过机加工处理后即得成品。

图 1

1- KH/P/2024/00050

2- A

3- FORMING MOLD AND METHOD FOR CARBON FIBER COMPOSITE MATERIAL

4- XIAMEN HONGJIWEIYE INDUSTRIAL CO., LTD. [CN]

5- WANG, Jingshan [CN]; CHEN, Shunhe [CN] and ZHANG, Haibing [CN]

6- VIRAKBOT AND ASSOCIATES LAW OFFICE

7- B29C 33/00, B29C 70/34, B29C 70/54

8- KH/P/2024/00050

9- Receiving Date: 05/09/2024
PCT Filing Date: 10/08/2022 PCT Applicaiton Number: PCT/CN2022/11145

10- 202210798163.3 06/07/2022 CN

11- Disclosed in the present invention are a forming mold and method for a carbon fiber composite material. The mold comprises a curing mold and a preform shell mold capable of being detachably assembled; the curing mold is provided with a curing cavity for accommodating the preform shell mold; the preform shell mold is provided with a preform cavity matching the structure of a formed product; a plurality of preform layers made of the carbon fiber composite material are laid on the inner wall of the preform cavity to form a preform of a product; a nylon air tube is provided in the preform cavity; and the nylon air tube supports, in an inflated state, the preform layer to be tightly attached to the inner wall of the preform cavity. According to the forming mold and method for the carbon fiber composite material provided by the present invention, layer-by-layer laying is performed from outside to inside, so that reinforcement can be directly performed in an inside local area needing to be strengthened, thereby ensuring the overall strength of the formed product, making the surface of the product smooth and flat, omitting the subsequent surface smoothing process after product formation, and reducing labor costs.

12-

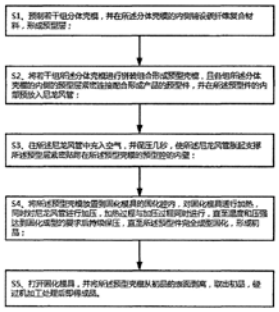

S1、预制若干组分体壳模，并在所述分体壳模的内侧铺设碳纤维复合材料，形成预型层；
S2、将若干组所述分体壳模进行拼装组合形成预型壳模，且在相所述分体壳模的内侧空间层间连接配合形成产品的预型件，并在所述预型件的内部预埋入尼龙风管；
S3、往所述尼龙风管中充入空气，并保压几秒，使所述尼龙风管膨起支撑所述预型层紧密贴附在所述预型壳模的预型腔的内壁；
S4、将所述预型壳模放置到高化模具的固化腔内，对固化模具进行加热，同时对尼龙风管进行加压，加热过程与加压过程同时进行，直至温度和压强达到固化成型的要求并保持保压，直至所述预型件完全成型固化，形成前壳；
S5、打开固化模具，并将所述预型壳模从前壳的表面剥离，取出前壳，经过机加工处理后即得成品。

图 1

(11)- KH/P/2025/00059

(12)- ក

(13)- A SYSTEM FOR MONITORING RODENTS IN A SEWAGE SYSTEM, A MONITORING DEVICE AND METHODS RELATED THERE TO

(14)- ANTICIMEX INNOVATION CENTER A/S [DK]

(15)- SØRENSEN, Claus Bach [DK] and HOHNEN, Peter [DK]

(16)- Kimly IP Service

(17)- A01M 23/00, A01M 31/00

(18)- KH/P/2025/00059

(19)- Receiving Date: 06/09/2024

PCT Filing Date: 09/03/2023 PCT Applicaiton Number: PCT/EP2023/056034

(30)- PA202270097 10/03/2022 DK

(57)- A system (100) for monitoring rodents (102a-c) in a sewage system (104) is presented. The system comprises a plurality of monitoring devices (106a-c) placed in manholes (108a-c) of the sewage system (104), wherein each monitoring device (106a-c) is provided with one or several sensors (122a-c) configured to detect rodents (102a-c) in the sewage system (104) and to generate a sensor data set (124a-c), a memory (604) configured to hold an identification code (126a-c), and a data communications module (600), a server (130) comprising a data communications module communicatively connected to the data communication modules (600) of the monitoring devices (106a- c), wherein said server (130) is configured to receive, from each monitoring device, the sensor data set (124a-c) and the identification code (126a-c), and based on these data sets identify how populations of rodents move in the sewage system.

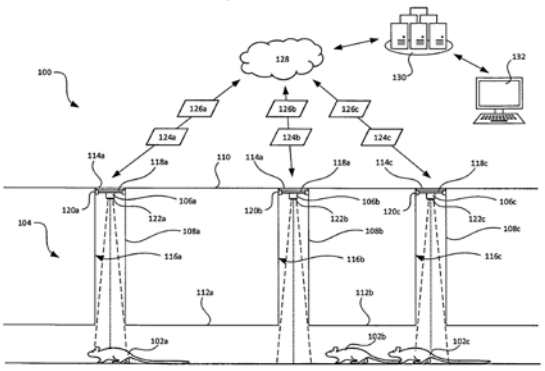

100
128
130
132
126a
126b
126c
124a
124b
124c
114a
118a
110
114a
118a
114c
118c
120a
106a
122a
108a
104
116a
120b
106b
122b
108b
116b
120c
106c
122c
108c
116c
112a
112b
102a
102b
102c

Fig. 1

1/11

1- KH/P/2024/00051

2- A

3- A SYSTEM FOR MONITORING RODENTS IN A SEWAGE SYSTEM, A MONITORING DEVICE AND METHODS RELATED THERE TO

4- ANTICIMEX INNOVATION CENTER A/S [DK]

5- SØRENSEN, Claus Bach [DK] and HOHNEN, Peter [DK]

6- Kimly IP Service

7- A01M 23/00, A01M 31/00

8- KH/P/2024/00051

9- Receiving Date: 06/09/2024

PCT Filing Date: 09/03/2023 PCT Applicaiton Number: PCT/EP2023/056034

10- PA202270097 10/03/2022 DK

11- A system (100) for monitoring rodents (102a-c) in a sewage system (104) is presented. The system comprises a plurality of monitoring devices (106a-c) placed in manholes (108a-c) of the sewage system (104), wherein each monitoring device (106a-c) is provided with one or several sensors (122a-c) configured to detect rodents (102a-c) in the sewage system (104) and to generate a sensor data set (124a-c), a memory (604) configured to hold an identification code (126a-c), and a data communications module (600), a server (130) comprising a data communications module communicatively connected to the data communication modules (600) of the monitoring devices (106a- c), wherein said server (130) is configured to receive, from each monitoring device, the sensor data set (124a-c) and the identification code (126a-c), and based on these data sets identify how populations of rodents move in the sewage system.

12-

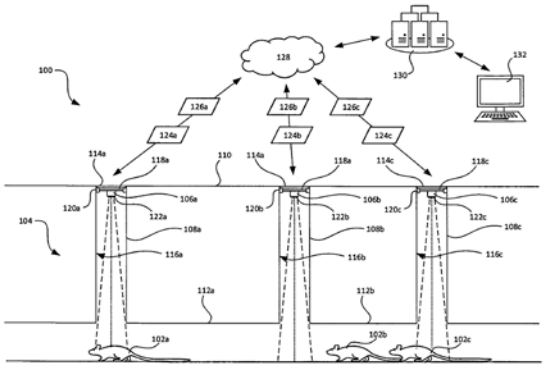

100
128
130
132
126a
126b
126c
124a
124b
124c
114a
118a
110
114a
118a
114c
118c
104
120a
106a
122a
108a
116a
120b
106b
122b
108b
116b
120c
106c
122c
108c
116c
112a
112b
102a
102b
102c

Fig. 1

1/11

(11)- KH/P/2025/00052

(12)- A

(13)- GLYCOFORM SPECIFIC NANOBODIES AND METHODS OF USE

(14)- THE ROCKEFELLER UNIVERSITY [US]

(15)- BOURNAZOS, Stylianos [US]; RAVETCH, Jeffrey, V. [US]; KAO, Kevin [US] and GUPTA, Aaron [US]

(16)- VEASNA IP SERVICE CO., LTD

(17)- C07K 16/18, C07K 16/42, C12N 5/12

(18)- KH/P/2025/00052

(19)- Receiving Date: 10/09/2024

PCT Filing Date: 15/09/2022 PCT Applicaiton Number: PCT/US2022/019743

(30)- 63/160,054 12/03/2021 US

(57)- This disclosure is based, at least in part, on an unexpected discovery that the novel nanobodies and variants thereof are able to specifically bind afucosylated or sialylated IgG Fc glycoforms. Glycosylation of the IgG Fc domain is a major determinant of the strength and specificity of antibody effector functions, modulating the binding interactions of the Fc with the diverse family of Fc γ receptors. These Fc glycan modifications, such as removal of the core fucose residue, are newfound clinical markers for predicting severity of diseases, such as diseases caused by dengue virus (DENV) or SARS-CoV-2. However, it remains challenging to accurately distinguish specific IgG glycoforms without costly and time-intensive methods. The novel glycol-specific nanobodies and variants thereof, as disclosed herein, can be used as rapid clinical diagnostics or prognostics to risk stratify patients with viral and inflammatory diseases.

(72) None

1- KH/P/2024/00052

2- A

3- GLYCOFORM SPECIFIC NANOBODIES AND METHODS OF USE

4- THE ROCKEFELLER UNIVERSITY [US]

5- BOURNAZOS, Stylianos [US]; RAVETCH, Jeffrey, V. [US]; KAO, Kevin [US] and GUPTA, Aaron [US]

6- VEASNA IP SERVICE CO., LTD

7- C07K 16/18, C07K 16/42, C12N 5/12

8- KH/P/2024/00052

9- Receiving Date: 10/09/2024

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12- None

(11)- KH/P/២០២៥/០០០៥៣

(12)- ក

(13)- SKIN IMPROVEMENT AGENT HAVING FERMENTED EXTRACT AS MAIN RAW MATERIAL

(15)- AIN HOLDINGS INC. [JP]; BIO-LAB CO., LTD. [JP] and YAEGAKI BIOTECHNOLOGY, INC. [JP]

(16)- WATANABE TAKUMI [JP]; CHANG YONG-JIN [JP] and SATO CHIORI [JP]

(17)- VEASNA IP SERVICE CO., LTD

(18)- A61K 8/97, A61Q 19/00, C12N 1/20, C12P 1/02, C12P 1/04

(19)- KH/P/២០២៥/០០០៥៣

(20)- Receiving Date: 19/09/2024

PCT Filing Date: 25/10/2023 PCT Applicaiton Number: PCT/JP2023/038462

(30)- 2022-170889 25/10/2022 JP

(57)- Provided is a composition for the skin, the composition having, as an active ingredient, an extract obtained by fermenting and aging Aspergillus oryzae and two types of lactic acid bacteria. As a specific example, the present invention is characterized by having, as an active ingredient, an extract obtained by adding water to Aspergillus oryzae to induce saccharification and primary fermentation, subsequently adding Lactococcus cremoris SW01 to induce secondary fermentation, and then adding Lactobacillus plantarum.

១២


1/3
WO 2024/090464
PCT/JP2023/038462
[図1]
調製方法
麹菌に水を加える
ニホンコウジカビ（Aspergillus oryzae）・菌株（NBRC 100959）
糖化
糖化（加熱：５０－６５℃）／１７－２２時間
殺菌
90℃~105℃
乳酸菌添加
クレモリス乳酸菌SW01株（Lactococcus cremoris SW01）・植物由来
植物由来二次発酵（加熱：２５－３５℃）／１７－２２時間
殺菌
90℃~105℃
ろ過（液）
ろ過助剤添
ろ過後：エキスをクリア
ろ過前：乳酸菌通過（メッシュ分離）
乳酸菌添加
ナノ型乳酸菌（Lactbacillus Plantarum）／すんき漬け由来
粉末状のナノ型乳酸菌（殺菌乳酸菌20-25%、他はデキストリン）を0.01
殺菌
pH調整
９５℃~１０５℃
pH 3.5~4.5
完成

1- KH/P/2024/00053

2- A

3- SKIN IMPROVEMENT AGENT HAVING FERMENTED EXTRACT AS MAIN RAW MATERIAL

4- AIN HOLDINGS INC. [JP]; BIO-LAB CO., LTD. [JP] and YAEGAKI BIOTECHNOLOGY, INC. [JP]

5- WATANABE TAKUMI [JP]; CHANG YONG-JIN [JP] and SATO CHIORI [JP]

6- VEASNA IP SERVICE CO., LTD

7- A61K 8/97, A61Q 19/00, C12N 1/20, C12P 1/02, C12P 1/04

8- KH/P/2024/00053

9- Receiving Date: 19/09/2024

PCT Filing Date: 25/10/2023 PCT Applicaiton Number: PCT/JP2023/038462

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12-


1/3
WO 2024/090464
PCT/JP2023/038462
[図1]
調製方法
麹菌に水を加える
ニホンコウジカビ（Aspergillus oryzae）・菌株（NBRC 100959）
糖化
糖化（加熱：５０－６５℃）／１７－２２時間
殺菌
90℃~105℃
乳酸菌添加
クレモリス乳酸菌SW01株（Lactococcus cremoris SW01）・植物由来
植物由来二次発酵（加熱：２５－３５℃）／１７－２２時間
殺菌
90℃~105℃
ろ過（液）
ろ過助剤除
ろ過後：エキスをクリア
ろ過前：乳酸菌通過（メッシュ分離）
乳酸菌添加
ナノ型乳酸菌（Lactbacillus Plantarum）／すんき漬け由来
殺菌
pH調整
９５℃~１０５℃
pH 3.5~4.5
発酵

(11)- KH/P/2025/00055

(12)- A

(13)- MIXTURE FOR INHIBITING THE EMISSION OF ALDEHYDES FROM POLYURETHANE FOAM FOR AN EXTENDED PERIOD OF TIME

(71)- HUNTSMAN PETROCHEMICAL LLC [US]

(72)- JI, Renjie [CN] and LIANG, Yide [CN]

(74)- TILLEKE & GIBBINS (CAMBODIA) LTD

(51)- C07D 239/62, C08G 18/18, C08G 18/32, C08G 18/76

(18)- KH/P/2025/00055

(19)- Receiving Date: 23/09/2024

PCT Filing Date: 05/04/2023 PCT Applicaiton Number: PCT/US2023/017509

(30)- 63/330,803 14/04/2022 US

(57)- The present disclosure relates to an isocyanate reactive composition for use in a polyurethane formulation and to methods of making polyurethane material from the polyurethane formulation. The isocyanate reactive composition generally includes an aldehyde scavenger blend capable of reducing the emission of aldehydes from the polyurethane material produced from the polyurethane formulation for an extended period of time.

(62) None

1- KH/P/2024/00054

2- A

3- MIXTURE FOR INHIBITING THE EMISSION OF ALDEHYDES FROM POLYURETHANE FOAM FOR AN EXTENDED PERIOD OF TIME

4- HUNTSMAN PETROCHEMICAL LLC [US]

5- JI, Renjie [CN] and LIANG, Yide [CN]

6- TILLEKE & GIBBINS (CAMBODIA) LTD

7- C07D 239/62, C08G 18/18, C08G 18/32, C08G 18/76

8- KH/P/2024/00054

9- Receiving Date: 23/09/2024

PCT Filing Date: 05/04/2023 PCT Applicaiton Number: PCT/US2023/017509

10- 63/330,803 14/04/2022 US

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12- None

(19)- KH/P/2025/00055

(12)- A

(54)- TOILET PAPER AND TOILET PAPER MANUFACTURING METHOD

(71)- CORELEX SHIN-EI CO., LTD. [JP]

(72)- KUROSAKI Satoshi [JP]

(74)- TILLEKE & GIBBINS (CAMBODIA) LTD

(51)- A47K 10/16

(21)- KH/P/2025/00055

(22)- Receiving Date: 27/09/2024

PCT Filing Date: 09/06/2023 PCT Applicaiton Number: PCT/JP2023/021556

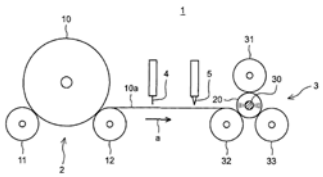
(30)- 2022-174637 31/10/2022 JP

(57)- Provided are a toilet paper in which accurate perforation positions can be recognized and a method for manufacturing the toilet paper. A toilet paper is manufactured by forming, with a perforation cutter 4, perforations in a base paper 10a pulled out from a base paper roll 10, forming marks by adhering a predetermined liquid from a mark formation nozzle 5 at positions where the perforations have been made at both ends in the width direction of the toilet paper, and winding the base paper 10a with a winding unit 3.

(12)

1/4

FIG.1



1- KH/P/2024/00055

2- A

3- TOILET PAPER AND TOILET PAPER MANUFACTURING METHOD

4- CORELEX SHIN-EI CO., LTD. [JP]

5- KUROSAKI Satoshi [JP]

6- TILLEKE & GIBBINS (CAMBODIA) LTD

7- A47K 10/16

8- KH/P/2024/00055

9- Receiving Date: 27/09/2024

PCT Filing Date: 09/06/2023 PCT Applicaiton Number: PCT/JP2023/021556

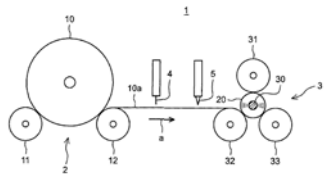
10- 2022-174637 31/10/2022 JP

11- Provided are a toilet paper in which accurate perforation positions can be recognized and a method for manufacturing the toilet paper. A toilet paper is manufactured by forming, with a perforation cutter 4, perforations in a base paper 10a pulled out from a base paper roll 10, forming marks by adhering a predetermined liquid from a mark formation nozzle 5 at positions where the perforations have been made at both ends in the width direction of the toilet paper, and winding the base paper 10a with a winding unit 3.

12-

1/4

FIG.1



(19)- KH/P/2025/00057

(12)- A

(54)- HOLE POSITION CONTINUOUS ADJUSTMENT TYPE LAMP

(71)- HANGZHOU LIJIACHENG ELECTRIC CO., LTD [CN]

(72)-

(74)- HAVIP (CAMBODIA) IP SERVICE CO., LTD.

(73)-

(11)- KH/P/2025/00057

(22)- Receiving Date: 17/10/2024

PCT Filing Date: 25/09/2023 PCT Applicaiton Number: PCT/CN2023/121066

(30)- 202222547874.1 26/09/2022 CN

(57)- A hole position continuous adjustment type lamp, comprising a lamp (50) and a lamp installation structure. A junction box (24) is arranged on the back surface of the lamp (50). The lamp installation structure comprises a suspension plate (16) and two elongated holes (34) provided on the suspension plate (16). Suspension base (35) are slidably connected and hooked inside the elongated holes (34). The two elongated holes (34) are located on two sides of the junction box (24). The extension direction of the elongated holes (34) is the same as the distribution direction of the elongated holes (34). Each suspension base (35) is provided with a hook (53) for hanging the suspension base (35) in a lamp mounting hole. Each suspension base (35) is connected to an opening spring (41) which drives the suspension base (35) to move in the direction away from the junction box (24). The suspension plate (16) is detachably connected to the back surface of the lamp (50).

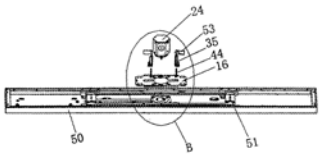


Fig. 1

1- KH/P/2024/00057

2- A

3- HOLE POSITION CONTINUOUS ADJUSTMENT TYPE LAMP

4- HANGZHOU LIJIACHENG ELECTRIC CO., LTD [CN]

5-

6- HAVIP (CAMBODIA) IP SERVICE CO., LTD.

7-

8- KH/P/2024/00057

9- Receiving Date: 17/10/2024

PCT Filing Date: 25/09/2023 PCT Applicaiton Number: PCT/CN2023/121066

10- 202222547874.1 26/09/2022 CN

11- A hole position continuous adjustment type lamp, comprising a lamp (50) and a lamp installation structure. A junction box (24) is arranged on the back surface of the lamp (50). The lamp installation structure comprises a suspension plate (16) and two elongated holes (34) provided on the suspension plate (16). Suspension base (35) are slidably connected and hooked inside the elongated holes (34). The two elongated holes (34) are located on two sides of the junction box (24). The extension direction of the elongated holes (34) is the same as the distribution direction of the elongated holes (34). Each suspension base (35) is provided with a hook (53) for hanging the suspension base (35) in a lamp mounting hole. Each suspension base (35) is connected to an opening spring (41) which drives the suspension base (35) to move in the direction away from the junction box (24). The suspension plate (16) is detachably connected to the back surface of the lamp (50).

12-

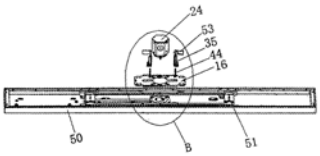


Fig. 1

១- KH/P/២០២៤/០០០៥៨

២- ក

៣- COMPUTER-IMPLEMENTED VISUAL QUERY MATCHING METHODS, AND SYSTEMS FOR IMPLEMENTING THEREOF

៤- TANAR CORP. [CA]

៥- KASHYAP, Arun [CA]

៦- Rouse & Co (Cambodia) Co., Ltd

៧- G06F 16/438, G06F 16/9035, G06F 16/9038, G06F 16/93

៨- KH/P/២០២៤/០០០៥៨

៩- ២០/០៩/២០២២

១០- KH/P/2024/00043 24/07/0024 KH; 17/945,551 15/09/2022 US and 18/533,795 12/08/2023 US

១១- The embodiments described herein are directed to computer-implemented visual query matching methods and systems for implementing thereof. An example method includes storing first query data including queries associated with a first set of users, wherein each query includes selected criteria from multiple query criteria and first filter data for the multiple query criteria; storing second query data including metadata and queries associated with a second set of users, wherein each query includes selected criteria from the multiple query criteria and second filter data for the multiple query criteria; determining, by a processor, matching users from the second set of users for a first user of the first set of users; and providing, by the processor to the first user, a dashboard display including a matrix of the matching users.

១២

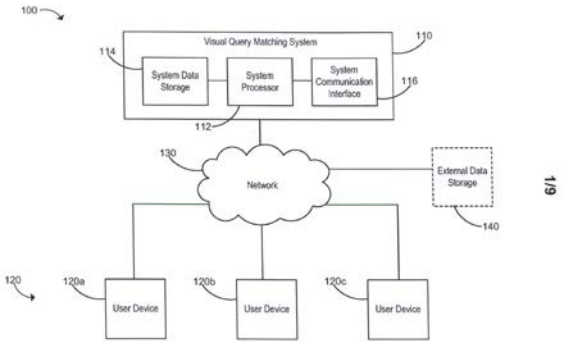

100
Visual Query Matching System
110
114
System Data Storage
System Processor
System Communication Interface
116
112
130
Network
External Data Storage
140
120
120a
User Device
120b
User Device
120c
User Device

FIG. 1

1/9

1- KH/P/2024/00058

2- A

3- COMPUTER-IMPLEMENTED VISUAL QUERY MATCHING METHODS, AND SYSTEMS FOR IMPLEMENTING THEREOF

4- TANAR CORP. [CA]

5- KASHYAP, Arun [CA]

6- Rouse & Co (Cambodia) Co., Ltd

7- G06F 16/438, G06F 16/9035, G06F 16/9038, G06F 16/93

8- KH/P/2024/00058

9- 20/09/2022

10- KH/P/2024/00043 24/07/0024 KH; 17/945,551 15/09/2022 US and 18/533,795 12/08/2023 US

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12-

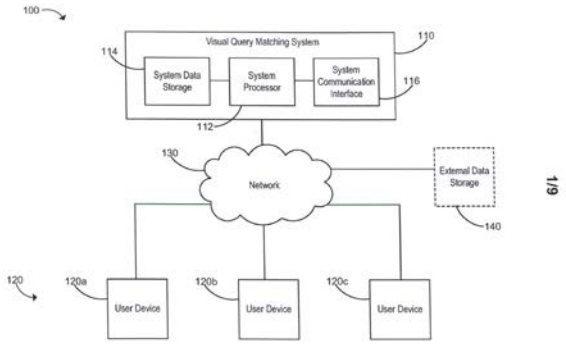

100
Visual Query Matching System
110
114
System Data Storage
System Processor
System Communication Interface
116
112
130
Network
External Data Storage
140
120
120a
User Device
120b
User Device
120c
User Device
1/9

FIG. 1

(11)- KH/P/2025/00060

(12)- A

(13)- FAN CART

(14)- HKC-US, LLC [US]

(15)- BYRNE, Brendan [US]; NEWMAN, Jeff [US]; MATHIS, Kent [US]; WILLARD, Matt [US] and STARKEY, Michael [US]

(16)- TILLEKE & GIBBINS (CAMBODIA) LTD

(17)- B62B 1/14

(18)- KH/P/2025/00060

(19)- Receiving Date: 18/11/2024

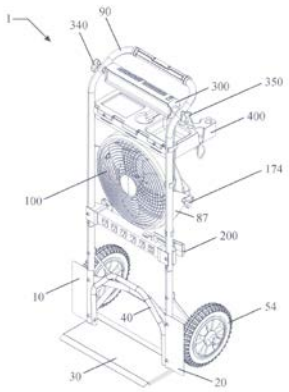
PCT Filing Date: 12/05/2023 PCT Applicaiton Number: PCT/US2023/022031

(30)- 17/748,514 19/05/2022 US

(54)- Devices, apparatus, systems and methods for providing a usable hand truck with a tiltable electrical fan, power strip for powering electrical equipment, a storage compartment/tray for supplies and a moveable electrical LED (light emitting diodes) light source. The moveable light can rotate up and down, and be able to pivot to a left direction and to a right direction. The power strip can include a rechargeable battery supply with USB ports and outlets to allow the fan and light source to be connected. The power strip can include a power cord to plug in the power strip to an electrical outlet.

១២

FIG. 1



1- KH/P/2024/00060

2- A

3- FAN CART

4- HKC-US, LLC [US]

5- BYRNE, Brendan [US]; NEWMAN, Jeff [US]; MATHIS, Kent [US]; WILLARD, Matt [US] and STARKEY, Michael [US]

6- TILLEKE & GIBBINS (CAMBODIA) LTD

7- B62B 1/14

8- KH/P/2024/00060

9- Receiving Date: 18/11/2024

PCT Filing Date: 12/05/2023 PCT Applicaiton Number: PCT/US2023/022031

10- 17/748,514 19/05/2022 US

11- Devices, apparatus, systems and methods for providing a usable hand truck with a tiltable electrical fan, power strip for powering electrical equipment, a storage compartment/tray for supplies and a moveable electrical LED (light emitting diodes) light source. The moveable light can rotate up and down, and be able to pivot to a left direction and to a right direction. The power strip can include a rechargeable battery supply with USB ports and outlets to allow the fan and light source to be connected. The power strip can include a power cord to plug in the power strip to an electrical outlet.

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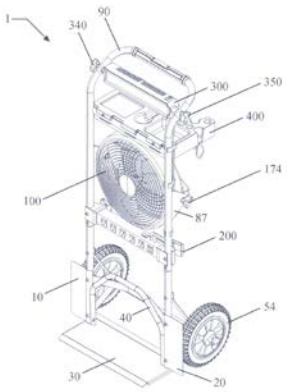
FIG. 1



(19)- KH/P/2025/00059

(12)- ក

(54)- DEFORMABLE SCREEN

(75)- SORG, Suman [US]

(73)- SORG,Suman [US]

(74)- Kimly IP Service

(51)- E06B 1/56, E06B 5/02, E06B 9/01, E06B 9/06, E06B 9/24, E06B 9/52

(11)- KH/P/2025/00059

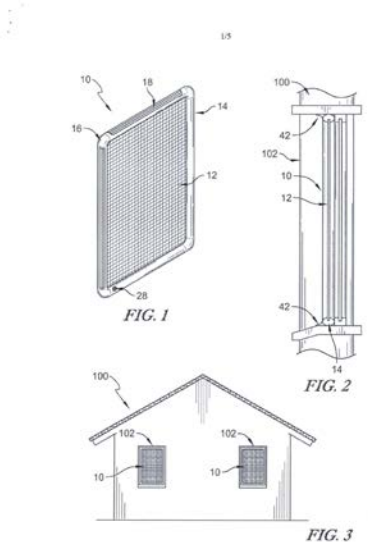
(22)- Receiving Date: 21/11/2024

PCT Filing Date: 24/05/2023 PCT Applicaiton Number: PCT/US2023/023429

(30)- 63/365,250 24/05/2022 US

(57)- A deformable screen adapted for mounting in an opening of a building includes at least one sheet of netting and a frame. The frame includes an inflatable tube coupled to and surrounding an outer perimeter of the at least one sheet of netting and is adjustable between an inflated-use mode and deflated-storage mode.

(16)



1- KH/P/2024/00061

2- A

3- DEFORMABLE SCREEN

4- SORG, Suman [US]

5- SORG,Suman [US]

6- Kimly IP Service

7- E06B 1/56, E06B 5/02, E06B 9/01, E06B 9/06, E06B 9/24, E06B 9/52

8- KH/P/2024/00061

9- Receiving Date: 21/11/2024

PCT Filing Date: 24/05/2023 PCT Applicaiton Number: PCT/US2023/023429

10- 63/365,250 24/05/2022 US

11- A deformable screen adapted for mounting in an opening of a building includes at least one sheet of netting and a frame. The frame includes an inflatable tube coupled to and surrounding an outer perimeter of the at least one sheet of netting and is adjustable between an inflated-use mode and deflated-storage mode.

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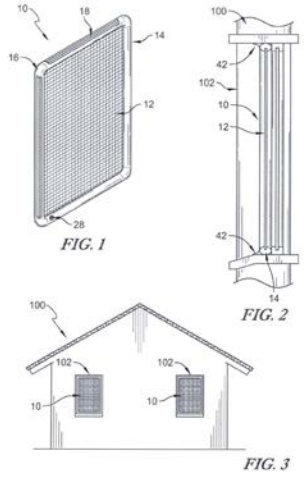

(19) KH/P/2025/00062

(52) A

(54) BARRIER SLEEVE USABLE WITH MEDICAL GOWN AND METHODS OF USE THEREOF

(71) ALLEGIANCE CORPORATION [US]

(72) ISAAC Walter H. [US]; PALOMO, Joe [US]; VINSON, James [US]; EUTENEUER, Eric [US]; VIQUEZ, Juan Azofeifa [US]; VISHAWAY, Sherril [US]; MILLER, Joe [US]; QUINONEZ, Armando [US]; KELLER, Tina [US]; MURPHY, Kathryn [US] and RODRIGUEZ, Oscar Silva [US]

(74) Kimly IP Service

(51) A41D 13/12, A41D 27/10, A41D 31/18, A62B 17/00

(11) KH/P/2025/00062

(22) Receiving Date: 05/12/2024

PCT Filing Date: 07/06/2023 PCT Applicaiton Number: PCT/US2023/068051

(30) 18/330,066 06/06/2023 US and 63/350,281 08/06/2022 US

(57) A barrier sleeve usable with a protective gown, the barrier sleeve having a tubular cuff section including a cuff material and having a cuff section first end and a cuff section second end, and a tubular gasket section having a gasket material, the gasket section having a gasket section first end at the cuff section second end and a gasket section second end, the gasket material also including a gathered material and/or an extensible material, and the gasket material having a first thickness and able to exhibit a change in thickness upon compression of at least about 40%. Also disclosed are systems having the barrier sleeve, methods of making, and methods of using.

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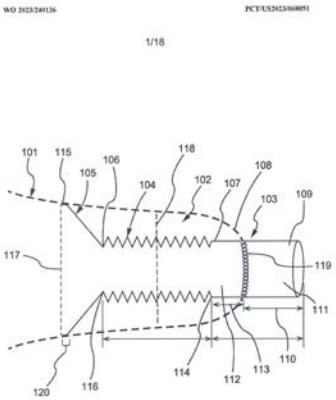
WO 2023/240126
PCT/US2023/068051
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FIG. 1

1- KH/P/2024/00062

2- A

3- BARRIER SLEEVE USABLE WITH MEDICAL GOWN AND METHODS OF USE THEREOF

4- ALLEGIANCE CORPORATION [US]

5- ISAAC Walter H. [US]; PALOMO, Joe [US]; VINSON, James [US]; EUTENEUER, Eric [US]; VIQUEZ, Juan Azofeifa [US]; VISHAWAY, Sherril [US]; MILLER, Joe [US]; QUINONEZ, Armando [US]; KELLER, Tina [US]; MURPHY, Kathryn [US] and RODRIGUEZ, Oscar Silva [US]

6- Kimly IP Service

7- A41D 13/12, A41D 27/10, A41D 31/18, A62B 17/00

8- KH/P/2024/00062

9- Receiving Date: 05/12/2024
PCT Filing Date: 07/06/2023 PCT Applicaiton Number: PCT/US2023/068051

10- 18/330,066 06/06/2023 US and 63/350,281 08/06/2022 US

11- A barrier sleeve usable with a protective gown, the barrier sleeve having a tubular cuff section including a cuff material and having a cuff section first end and a cuff section second end, and a tubular gasket section having a gasket material, the gasket section having a gasket section first end at the cuff section second end and a gasket section second end, the gasket material also including a gathered material and/or an extensible material, and the gasket material having a first thickness and able to exhibit a change in thickness upon compression of at least about 40%. Also disclosed are systems having the barrier sleeve, methods of making, and methods of using.

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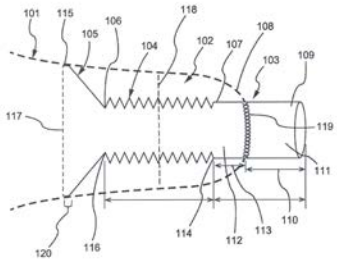
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FIG. 1

(១)- KH/P/២០២៥/០០០៦៥

(២)- ក

(៣)- METHOD - INCLUDING ENERGY STORAGE METHOD - FOR SUPPLYING ENERGY IN THE VICINITY OF THE POINT OF CONSUMPTION USING REGENERATIVE ENERGY SOURCES, AND USE THEREOF

(៥)- EXCELLENCE - GESELLSCHAFT ZUR OBHUTSVERWALTUNG ERLESENER LIEGENSCHAFTEN UND VERMöGENSANLAGEN MBH [DE]

(៥)- HARAZIM, Wolfgang [DE]

(៦)- VEASNA IP SERVICE CO., LTD

(៧)- H02J 15/00, H02S 10/20

(៨)- KH/P/២០២៥/០០០៦៥

(៩)- Receiving Date: 13/12/2024

PCT Filing Date: 09/06/2023 PCT Applicaiton Number: PCT/EP2023/000034

(១០)- 102022002127.7 13/06/2022 DE

(១១)- The invention relates to a universal application method including an energy storage process for supplying energy in the vicinity of the point of consumption using regenerative energy sources and to the use thereof, said method being applicable primarily in the energy industry. The shift away from the use of fossil energy to regenerative energy sources requires a novel energy supply infrastructure. The supply from wind and solar energy as main energy sources does not coincide with the electricity demand in terms of time frame such that the function of storage devices is increasingly important. The universal application method achieves a new level of application quality by virtue of the measures taken, i.e. the storage of fluctuating current supplies with short reaction times in order to adapt the network loads on the basis of a plurality of separately actuatable hub modules so as to use potential energy in a structure while simultaneously doubling the usage of the surface area on the roof by means photovoltaics and/or wind turbines. The application quality consists in the reliable supply of current in an autonomous as well as network-integrated manner in the vicinity of the point of consumption without specific location requirements and

with an automatic and reliable operation which can be remote-controlled, high storage and distribution cycles with short reaction times and without self-discharges or degeneration, a low auxiliary energy consumption, low operating costs, a high degree of environmental compatibility with a high degree of efficiency, and a long calendar service life which is conterminous with the building.

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Drawings

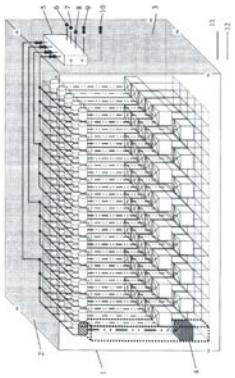

FIG. 1

1- KH/P/2024/00064

2- A

3- METHOD - INCLUDING ENERGY STORAGE METHOD - FOR SUPPLYING ENERGY IN THE VICINITY OF THE POINT OF CONSUMPTION USING REGENERATIVE ENERGY SOURCES, AND USE THEREOF

4- EXCELLENCE - GESELLSCHAFT ZUR OBHUTSVERWALTUNG ERLESENER LIEGENSCHAFTEN UND VERMöGENSANLAGEN MBH [DE]

5- HARAZIM, Wolfgang [DE]

6- VEASNA IP SERVICE CO., LTD

7- H02J 15/00, H02S 10/20

8- KH/P/2024/00064

9- Receiving Date: 13/12/2024

PCT Filing Date: 09/06/2023 PCT Applicaiton Number: PCT/EP2023/000034

10- 102022002127.7 13/06/2022 DE

11- The invention relates to a universal application method including an energy storage process for supplying energy in the vicinity of the point of consumption using regenerative energy sources and to the use thereof, said method being applicable primarily in the energy industry. The shift away from the use of fossil energy to regenerative energy sources requires a novel energy supply infrastructure. The supply from wind and solar energy as main energy sources does not coincide with the electricity demand in terms of time frame such that the function of storage devices is increasingly important. The universal application method achieves a new level of application quality by virtue of the measures taken, i.e. the storage of fluctuating current supplies with short reaction times in order to adapt the network loads on the basis of a plurality of separately actuatable hub modules so as to use potential energy in a structure while simultaneously doubling the usage of the surface area on the roof by means photovoltaics and/or wind turbines. The application quality consists in the reliable supply of current in an autonomous as well as network-integrated manner in the vicinity of the point of consumption without specific location requirements and

with an automatic and reliable operation which can be remote-controlled, high storage and distribution cycles with short reaction times and without self-discharges or degeneration, a low auxiliary energy consumption, low operating costs, a high degree of environmental compatibility with a high degree of efficiency, and a long calendar service life which is conterminous with the building.

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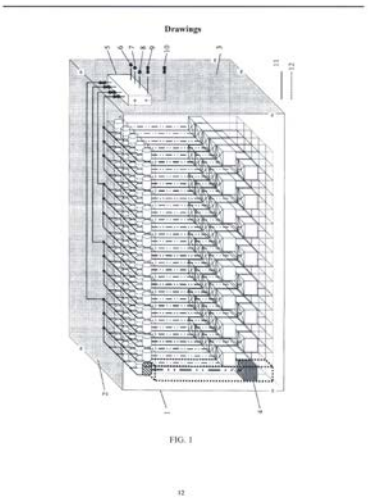


(19) KH/P/2025/00065

(12) ក

(54) SURROUND FOR A FIRE PIT

(71) SOLO BRANDS, LLC [US]

(72) WEILERT, Jeffrey R. [US] and MAGHSADI, Alexander K. [US]

(74) Kimly IP Service

(51) A47J 37/07, F24B 13/00

(11) KH/P/2025/00065

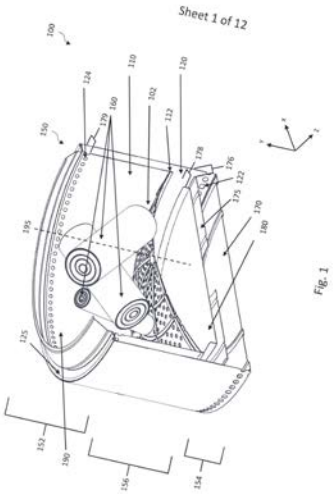
(43) Receiving Date: 16/12/2024

PCT Filing Date: 26/06/2023 PCT Applicaiton Number: PCT/US2023/069058

(30) 17/810,964 06/07/2022 US

(57) A surround for a fire pit is provided. The surround includes a frame with at least three legs, 5 each leg having a connector on top. The surround also includes a number of tabletop sections, each configured to connect to the respective connectors of at least two of the legs, and also configured to quick disconnect from the connectors. The surround also includes a number of bezel sections, each extending radially inward from the inward facing side of a tabletop section. The inner edges of the bezel sections collectively define an inner perimeter of the surround.

Figure 2


Sheet 1 of 12
Fig. 1

1- KH/P/2024/00065

2- A

3- SURROUND FOR A FIRE PIT

4- SOLO BRANDS, LLC [US]

5- WEILERT, Jeffrey R. [US] and MAGHSADI, Alexander K. [US]

6- Kimly IP Service

7- A47J 37/07, F24B 13/00

8- KH/P/2024/00065

9- Receiving Date: 16/12/2024

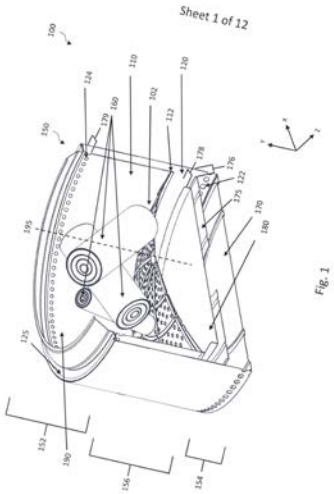
PCT Filing Date: 26/06/2023 PCT Applicaiton Number: PCT/US2023/069058

10- 17/810,964 06/07/2022 US

11- A surround for a fire pit is provided. The surround includes a frame with at least three legs, 5 each leg having a connector on top. The surround also includes a number of tabletop sections, each configured to connect to the respective connectors of at least two of the legs, and also configured to quick disconnect from the connectors. The surround also includes a number of bezel sections, each extending radially inward from the inward facing side of a tabletop section. The inner edges of the bezel sections collectively define an inner perimeter of the surround.

Figure 2

12-



(19) KH/P/2025/00066

(12) A

(54) SYNERGISTIC DUAL-MODES SUSTAINABLE INTERCHANGE

(72) LEUNG, Valiant Yuk Yuen [CN]

(73) LEUNG, Valiant Yuk Yuen [CN]

(74) VEASNA IP SERVICE CO., LTD

(51) E01C 1/04

(11) KH/P/2025/00066

(96) Receiving Date: 23/12/2024

PCT Filing Date: 14/11/2022 PCT Applicaiton Number: PCT/CN2022/131775

(30) 202210744386.1 27/06/2022 CN

(57) The present invention relates to a synergistic dual-modes sustainable interchange. The interchange is mainly formed by accessible highways and intersecting roads, herein disposed with a plane intersection of traffic lights and crosswalks; under schedule of dual modes of one-red and one-green, the plane intersection is connected to the connecting roads for entering and exiting the accessible highways or entering and exiting the accessible highways from the intersecting roads; the upstream and downstream accessible cut-through lanes are respectively disposed on both sides of the plane intersection by overpasses, and rejoin at the other end. The group of ramps for entering and exiting the accessible highways, their relevant connecting roads and the ring roads configured with error-corrected U-turn mechanism, are all disposed between the upstream and downstream portions of the highway, making the structure of the junction point more compact, reducing intersection distance and saving time required to enter and exit.

DRAWINGS

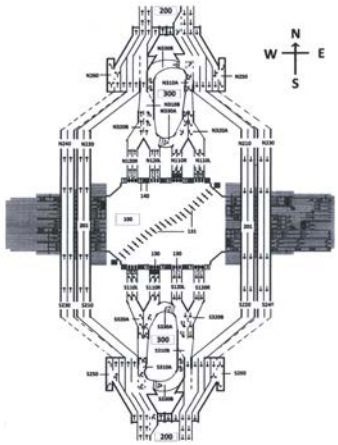


FIG. 1

1- KH/P/2024/00066

2- A

3- SYNERGISTIC DUAL-MODES SUSTAINABLE INTERCHANGE

4- LEUNG, Valiant Yuk Yuen [CN]

5- LEUNG, Valiant Yuk Yuen [CN]

6- VEASNA IP SERVICE CO., LTD

7- E01C 1/04

8- KH/P/2024/00066

9- Receiving Date: 23/12/2024

PCT Filing Date: 14/11/2022 PCT Applicaiton Number: PCT/CN2022/131775

10- 202210744386.1 27/06/2022 CN

11- The present invention relates to a synergistic dual-modes sustainable interchange. The interchange is mainly formed by accessible highways and intersecting roads, herein disposed with a plane intersection of traffic lights and crosswalks; under schedule of dual modes of one-red and one-green, the plane intersection is connected to the connecting roads for entering and exiting the accessible highways or entering and exiting the accessible highways from the intersecting roads; the upstream and downstream accessible cut-through lanes are respectively disposed on both sides of the plane intersection by overpasses, and rejoin at the other end. The group of ramps for entering and exiting the accessible highways, their relevant connecting roads and the ring roads configured with error-corrected U-turn mechanism, are all disposed between the upstream and downstream portions of the highway, making the structure of the junction point more compact, reducing intersection distance and saving time required to enter and exit.

12-

DRAWINGS

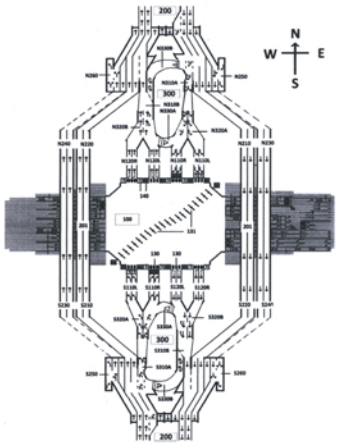


FIG. 1

(19) KH/P/2025/0006

(12) A

(54) NUTRITIONAL COMPOSITION FOR PREVENTING BRONCHITIS

(71) MEGMILK SNOW BRAND CO., LTD. [JP]

(72) YAMAGUCHI Toshiyuki [JP]; HIGUCHI Junichi [JP]; FUKUDOME Hirofumi [JP]; SAKAI Fumihiko [JP]; TSUJIMORI Yuta [JP] and TAKAHASHI Tomoki [JP]

(74) Rouse & Co (Cambodia) Co., Ltd

(51) A23C 9/152, A23L 2/38, A23L 2/52, A23L 33/10, A23L 33/125, A61K 31/7008

(11) KH/P/2025/0006

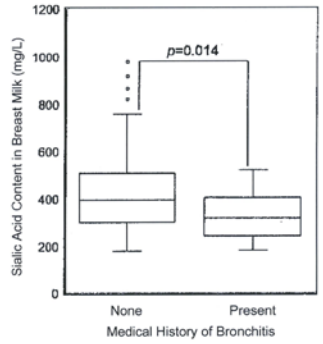
(22) Receiving Date: 25/12/2024

PCT Filing Date: 28/06/2023 PCT Applicaiton Number: PCT/JP2023/023898

(30) 2022-104518 29/06/2022 JP

(57) A problem to be solved by the present invention is to find a component for preventing the onset of bronchitis from breast milk, to provide a novel nutritional composition. The present invention relates to a nutritional composition for preventing the onset of bronchitis wherein N-acetylneuraminic acid, 6'-sialyllactose, a-2,6-disialo N-linked glycan, or a disialo N-linked glycan with a specific structure are contained as active ingredients. This nutritional composition is an effective composition not only for infants but also for elderly people and people with underlying diseases who are at high risk of contracting the bronchitis, so the composition is efficacious as the nutritional composition for preventing the onset of bronchitis when it is added to foods and nutritional compositions for adults and the elderly.

[Fig. 1]


p=0.014
Sialic Acid Content in Breast Milk (mg/L)
1200
1000
800
600
400
200
0
None
Present
Medical History of Bronchitis

1- KH/P/2024/00067

2- A

3- NUTRITIONAL COMPOSITION FOR PREVENTING BRONCHITIS

4- MEGMILK SNOW BRAND CO., LTD. [JP]

5- YAMAGUCHI Toshiyuki [JP]; HIGUCHI Junichi [JP]; FUKUDOME Hirofumi [JP]; SAKAI Fumihiko [JP]; TSUJIMORI Yuta [JP] and TAKAHASHI Tomoki [JP]

6- Rouse & Co (Cambodia) Co., Ltd

7- A23C 9/152, A23L 2/38, A23L 2/52, A23L 33/10, A23L 33/125, A61K 31/7008

8- KH/P/2024/00067

9- Receiving Date: 25/12/2024
PCT Filing Date: 28/06/2023 PCT Applicaiton Number: PCT/JP2023/023898

10- 2022-104518 29/06/2022 JP

11- A problem to be solved by the present invention is to find a component for preventing the onset of bronchitis from breast milk, to provide a novel nutritional composition. The present invention relates to a nutritional composition for preventing the onset of bronchitis wherein N-acetylneuraminic acid, 6'-sialyllactose, a-2,6-disialo N-linked glycan, or a disialo N-linked glycan with a specific structure are contained as active ingredients. This nutritional composition is an effective composition not only for infants but also for elderly people and people with underlying diseases who are at high risk of contracting the bronchitis, so the composition is efficacious as the nutritional composition for preventing the onset of bronchitis when it is added to foods and nutritional compositions for adults and the elderly.

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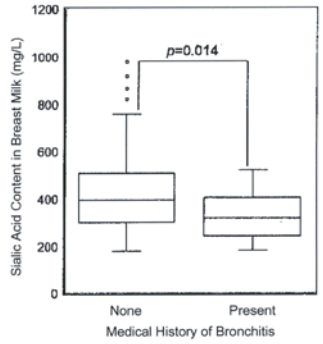
[Fig. 1]


1200
1000
800
600
400
200
0
Sialic Acid Content in Breast Milk (mg/L)
p=0.014
None
Present
Medical History of Bronchitis