ព្រះរាជាណាចក្រកម្ពុជា

ជាតិ សាសនា ព្រះមហាក្សត្រ

Kingdom of Cambodia

Nation Religion King

ក្រសួងឧស្សាហកម្ម វិទ្យាសាស្ត្រ បច្ចេកវិទ្យា និងនវានុវត្តន៍

MINISTRY OF INDUSTRY, SCIENCE, TECHNOLOGY & INNOVATION

ព្រឹត្តិបត្រផ្លូវការ

OFFICIAL GAZETTE

ប្រកាសនីយបត្រតក្កកម្ម និង វិញ្ញាបនបត្រម៉ូដែលមានអត្ថប្រយោជន៍

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
សំណុំលិខតស្នើសុំផ្តល់ប្រកាសនីយបត្រតភ្ជាកម្ម
សិង្ហបុរី

PUBLICATION OF SINGAPORE PATENT APPLICATION

(19)- KH/P/2019/00009 SG

(12)- ក

(13)- METHOD AND SERVER FOR DELIVERING INFORMATION TO USER TERMINAL

(14)- Advanced New Technologies Co., Ltd [KY]

(15)- PANG, Lei [CN] and ZHANG, Depin [CN]

(16)- Kimly IP Service

(17)- H04L 12/701

(18)- KH/P/2019/00009 SG

(19)- Receiving Date: 18/09/2019

SG Filing Date: 17/08/2015 SG Registration Number: 11201706815OW

(30)- 201410475482.6 17/09/2014 CN

(11)- A method for delivering information to a user terminal is provided. The method includes obtaining user data. The user data may include a plurality of user activity locations and corresponding user activity time. The method may further include identifying a first position and a second position based on the user activity locations and the user activity time, selecting a travel path based on the first position and the second position, determining a user activity area based on the selected travel path, and sending content to the user terminal based on the user activity area.

(12)-

Fig. 1

1- KH/P/2021/00001 SG

2- A

3- METHOD AND SERVER FOR DELIVERING INFORMATION TO USER TERMINAL

4- Advanced New Technologies Co., Ltd [KY]

5- PANG, Lei [CN] and ZHANG, Depin [CN]

6- Kimly IP Service

7- H04L 12/701

8- KH/P/2021/00001 SG

9- Receiving Date: 19/01/2021

SG Filing Date: 17/09/2015 SG Registration Number: 11201701950W

10- 201410475482.6 17/09/2014 CN

12- A method for delivering information to a user terminal is provided. The method includes obtaining user data. The user data may include a plurality of user activity locations and corresponding user activity time. The method may further include identifying a first position and a second position based on the user activity locations and the user activity time, selecting a travel path based on the first position and the second position, determining a user activity area based on the selected travel path, and sending content to the user terminal based on the user activity area.

13-

Fig. 1

(19) KH/P/2019/00002 SG

(12) ក

(54) RECONSTRUCTION OF THE SPECTRUM OF AN AUDIOSIGNAL WITH INCOMPLETE SPECTRUM BASED ON FREQUENCY TRANSLATION

(73) DOLBY LABORATORIES LICENSING CORPORATION [US]

(72) TRUMAN, Michael Mead [CA] and VINTON, Mark, Stuart [NZ]

(74) Kimly IP Service

(51) G10L 19/00, G10L 19/012, G10L 19/02, G10L 21/00, G10L 21/038, G10L 21/0388

(11) KH/P/2019/00002 SG

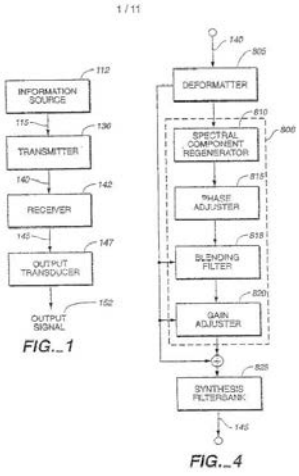
(45) Receiving Date: 17/05/2019

SG Filing Date: 19/03/2003 SG Registration Number: 1201703195P

(30) 10/113,858 28/03/2002 US

(57) An audio signal is conveyed more efficiently by transmitting or recording a baseband of the signal with an estimated spectral envelope and a noise-blending parameter derived from a measure of the signal's noise-like quality. The signal is reconstructed by translating spectral components of the baseband signal to frequencies outside the baseband, adjusting phase of the regenerated components to maintain phase coherency, adjusting spectral shape according to the estimated spectral envelope, and adding noise according to the noise-blending parameter. Preferably, the transmitted or recorded signal also includes an estimated temporal envelope that is used to adjust the temporal shape of the reconstructed signal.

Figure 2


1 / 11
INFORMATION SOURCE
112
TRANSMITTER
136
RECEIVER
142
OUTPUT TRANSDUCER
147
OUTPUT SIGNAL
152
FIG._1
140
DEFORMATTER
SPECTRAL COMPONENT REGENERATOR
610
PHASE ADJUSTER
BLENDING FILTER
SYNTHESIS FILTERBANK
FIG._4

1- KH/P/2021/00002 SG

2- A

3- RECONSTRUCTION OF THE SPECTRUM OF AN AUDIOSIGNAL WITH INCOMPLETE SPECTRUM BASED ON FREQUENCY TRANSLATION

4- DOLBY LABORATORIES LICENSING CORPORATION [US]

5- TRUMAN, Michael Mead [CA] and VINTON, Mark, Stuart [NZ]

6- Kimly IP Service

7- G10L 19/00, G10L 19/012, G10L 19/02, G10L 21/00, G10L 21/038, G10L 21/0388

8- KH/P/2021/00002 SG

9- Receiving Date: 17/05/2021

SG Filing Date: 21/03/2003 SG Registration Number: 10201710915P

10- 10/113,858 28/03/2002 US

12- An audio signal is conveyed more efficiently by transmitting or recording a baseband of the signal with an estimated spectral envelope and a noise-blending parameter derived from a measure of the signal′s noise-like quality. The signal is reconstructed by translating spectral components of the baseband signal to frequencies outside the baseband, adjusting phase of the regenerated components to maintain phase coherency, adjusting spectral shape according to the estimated spectral envelope, and adding noise according to the noise-blending parameter. Preferably, the transmitted or recorded signal also includes an estimated temporal envelope that is used to adjust the temporal shape of the reconstructed signal.

Figure 2

13-

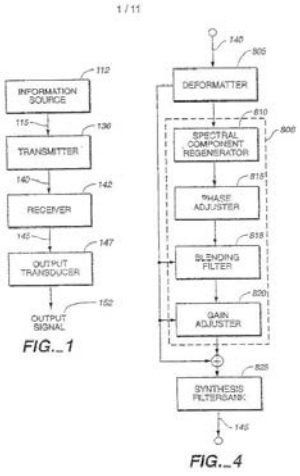

1 / 11
INFORMATION SOURCE
TRANSMITTER
RECEIVER
OUTPUT TRANSDUCER
OUTPUT SIGNAL
DEFORMATTER
SPECTRAL COMPONENT REGENERATOR
PHASE ADJUSTER
BLENDING FILTER
GAIN ADJUSTER
SYNTHESIS FILTERBANK

FIG._1 FIG._4

(19) KH/P/2019/00003 SG

(12) ក

(54) MULTICHANNEL AUDIO CODING

(71) DOLBY LABORATORIES LICENSING CORPORATION [US]

(72) DAVIS, MARK, FRANKLIN [US]

(74) Kimly IP Service

(51) G10L 19/00

(11) KH/P/2019/00003 SG

(45) Receiving Date: 09/06/2019

SG Filing Date: 28/02/2005 SG Registration Number: 2019060506P

(30) 60/549368 01/03/2004 US; 60/579974 14/06/2004 US and 60/588256 14/07/2004 US

(99) Disclosed is a method for decoding M encoded audio channels representing N audio channels, where N is two or more, and a set of one or more spatial parameters, wherein one or more of said spatial parameters are differentially encoded. The method comprises: a) receiving said M encoded audio channels and said set of spatial parameters, b) applying a differential decoding process to the one or more differentially encoded spatial parameters, c) deriving N audio signals from said M encoded channels, wherein each audio signal is divided into a plurality of frequency bands, wherein each band comprises one or more spectral components, and d) generating a multichannel output signal from the N audio signals and the spatial parameters. M is two or more, at least one of said N audio signals is a correlated signal derived from a weighted combination of at least two of said M encoded audio channels. Said set of spatial parameters includes a first parameter indicative of the amount of an uncorrelated signal to mix with a correlated signal. Step d) includes deriving at least one uncorrelated signal from said at least one correlated signal, and controlling the proportion of said at least one correlated signal to said at least one uncorrelated signal in at least one channel of said multichannel output signal in response to one or ones of said spatial parameters, wherein said controlling is at least partly in

accordance with said first parameter.

Fig. 7

1- KH/P/2021/00003 SG

2- A

3- MULTICHANNEL AUDIO CODING

4- DOLBY LABORATORIES LICENSING CORPORATION [US]

5- DAVIS, MARK, FRANKLIN [US]

6- Kimly IP Service

7- G10L 19/00

8- KH/P/2021/00003 SG

9- Receiving Date: 01/06/2021

SG Filing Date: 28/02/2005 SG Registration Number: 10201605609P

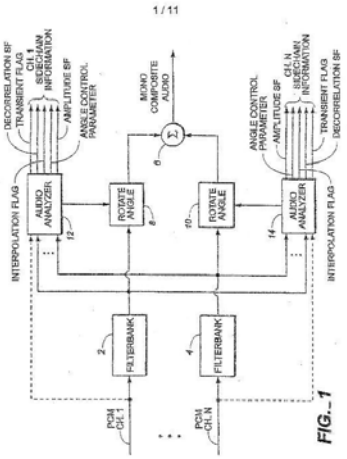
10- 60/549368 01/03/2004 US; 60/579974 14/06/2004 US and 60/588256 14/07/2004 US

12- Disclosed is a method for decoding M encoded audio channels representing N audio channels, where N is two or more, and a set of one or more spatial parameters, wherein one or more of said spatial parameters are differentially encoded. The method comprises: a) receiving said M encoded audio channels and said set of spatial parameters, b) applying a differential decoding process to the one or more differentially encoded spatial parameters, c) deriving N audio signals from said M encoded channels, wherein each audio signal is divided into a plurality of frequency bands, wherein each band comprises one or more spectral components, and d) generating a multichannel output signal from the N audio signals and the spatial parameters. M is two or more, at least one of said N audio signals is a correlated signal derived from a weighted combination of at least two of said M encoded audio channels. Said set of spatial parameters includes a first parameter indicative of the amount of an uncorrelated signal to mix with a correlated signal. Step d) includes deriving at least one uncorrelated signal from said at least one correlated signal, and controlling the proportion of said at least one correlated signal to said at least one uncorrelated signal in at least one channel of said multichannel output signal in response to one or ones of said spatial parameters, wherein said controlling is at least partly in

accordance with said first parameter.

Fig. 7

13-



(19) KH/P/2019/00009 SG

(12) B

(54) BACKWARD-COMPATIBLE INTEGRATION OF HARMONIC TRANSPOSER FOR HIGH FREQUENCY RECONSTRUCTION OF AUDIO SIGNALS

(71) DOLBY INTERNATIONAL AB [NL]

(72) VILLEMOES, Lars [US] and PURNHAGEN, Heiko [US]

(74) BNG Legal

(51) G06F 17/00, G06F 17/10, G10L 19/02, G10L 19/22, G10L 19/24, G10L 19/26

(11) KH/P/2019/00009 SG

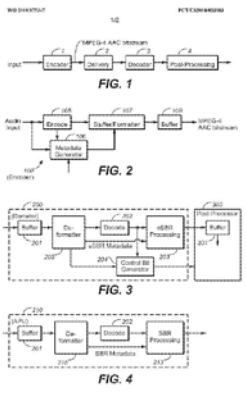
(45) Receiving Date: 08/06/2019

SG Filing Date: 19/03/2018 SG Registration Number: 19201906370T

(30) 62/475,619 23/03/2017 US

(57) A method for decoding an encoded audio bitstream is disclosed. The method includes receiving the encoded audio bitstream and decoding the audio data to generate a decoded lowband audio signal. The method further includes extracting high frequency reconstruction metadata and filtering the decoded lowband audio signal with an analysis filterbank to generate a filtered lowband audio signal. The method also includes extracting a flag indicating whether either spectral translation or harmonic transposition is to be performed on the audio data and regenerating a highband portion of the audio signal using the filtered lowband audio signal and the high frequency reconstruction metadata in accordance with the flag.

(16)



1- KH/P/2021/00004 SG

2- A

3- BACKWARD-COMPATIBLE INTEGRATION OF HARMONIC TRANSPOSER FOR HIGH FREQUENCY RECONSTRUCTION OF AUDIO SIGNALS

4- DOLBY INTERNATIONAL AB [NL]

5- VILLEMOES, Lars [US] and PURNHAGEN, Heiko [US]

6- BNG Legal

7- G06F 17/00, G06F 17/10, G10L 19/02, G10L 19/22, G10L 19/24, G10L 19/26

8- KH/P/2021/00004 SG

9- Receiving Date: 08/06/2021

SG Filing Date: 19/03/2018 SG Registration Number: 11201906370T

10- 62/475,619 23/03/2017 US

12- A method for decoding an encoded audio bitstream is disclosed. The method includes receiving the encoded audio bitstream and decoding the audio data to generate a decoded lowband audio signal. The method further includes extracting high frequency reconstruction metadata and filtering the decoded lowband audio signal with an analysis filterbank to generate a filtered lowband audio signal. The method also includes extracting a flag indicating whether either spectral translation or harmonic transposition is to be performed on the audio data and regenerating a highband portion of the audio signal using the filtered lowband audio signal and the high frequency reconstruction metadata in accordance with the flag.

13-

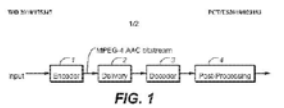


FIG. 1

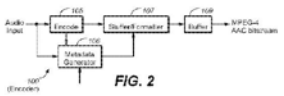


FIG. 2

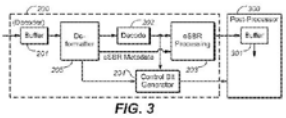


FIG. 3

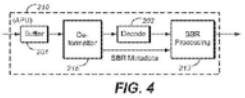


FIG. 4

(19) KH/P/២០២២/០០០០៨ SG

(12) ក

(54) BACKWARD-COMPATIBLE INTEGRATION OF HIGH FREQUENCY RECONSTRUCTION TECHNIQUES FOR AUDIO SIGNALS

(71) DOLBY INTERNATIONAL AB [NL]

(72) KJOERLING KRISTOFER [SE]; VILLEMOES LARS [SE]; PURNHAGEN HEIKO [SE] and EKSTRAND PER [SE]

(74) BNG Legal

(51) G01L 19/00, G10L 19/02, G10L 19/16, H04N 19/00

(11) KH/P/២០២២/០០០០៨ SG

(45) Receiving Date: ១៣/០៥/២០២២

SG Filing Date: ២៨/០១/២០១៩ SG Registration Number: ១១២០២០០៦៧០៣X

(30) 62/622,205 26/01/2018 US

(57) A method for decoding an encoded audio bitstream is disclosed. The method includes receiving the encoded audio bitstream and decoding the audio data to generate a decoded lowband audio signal. The method further includes extracting high frequency reconstruction metadata and filtering the decoded lowband audio signal with an analysis filterbank to generate a filtered lowband audio signal. The method also includes extracting a flag indicating whether either spectral translation or harmonic transposition is to be performed on the audio data and regenerating a highband portion of the audio signal using the filtered lowband audio signal and the high frequency reconstruction metadata in accordance with the flag.

(16)

FIG. 1

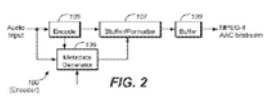


FIG. 2

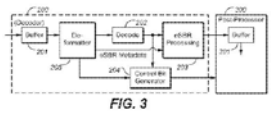


FIG. 3

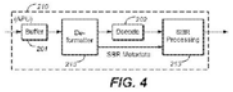


FIG. 4

1- KH/P/2022/00008 SG

2- A

3- BACKWARD-COMPATIBLE INTEGRATION OF HIGH FREQUENCY RECONSTRUCTION TECHNIQUES FOR AUDIO SIGNALS

4- DOLBY INTERNATIONAL AB [NL]

5- KJOERLING KRISTOFER [SE]; VILLEMOES LARS [SE]; PURNHAGEN HEIKO [SE] and EKSTRAND PER [SE]

6- BNG Legal

7- G01L 19/00, G10L 19/02, G10L 19/16, H04N 19/00

8- KH/P/2022/00008 SG

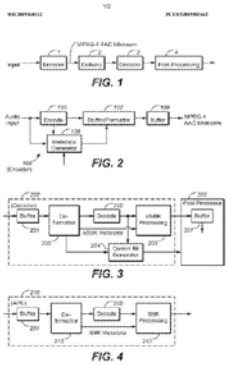
9- Receiving Date: 13/05/2022

SG Filing Date: 28/01/2019 SG Registration Number: 11202006703X

10- 62/622,205 26/01/2018 US

12- A method for decoding an encoded audio bitstream is disclosed. The method includes receiving the encoded audio bitstream and decoding the audio data to generate a decoded lowband audio signal. The method further includes extracting high frequency reconstruction metadata and filtering the decoded lowband audio signal with an analysis filterbank to generate a filtered lowband audio signal. The method also includes extracting a flag indicating whether either spectral translation or harmonic transposition is to be performed on the audio data and regenerating a highband portion of the audio signal using the filtered lowband audio signal and the high frequency reconstruction metadata in accordance with the flag.

13-



(19) KH/P/2025/00009 SG

(12) ក

(54) METHOD AND APPARATUS FOR WASTE PROCESSING OF MIXED WASTE

(71) 800 SUPER WASTE MANAGEMENT PTE LTD [SG]

(72) Renee Tan Wee Pheng Mrs Renee Mison [SG]

(74) VNP InterPro Law Office

(81) B09B 3/35, B09B 3/60

(21) KH/P/2025/00009 SG

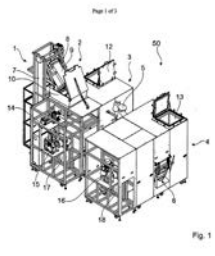
(22) Receiving Date: 28/09/2025

SG Filing Date: 08/07/2025 SG Registration Number: 202502507353Y

(30)

(57) A method and an apparatus for waste processing of mixed waste comprising an organic compostable waste portion and an organic non-compostable waste portion are disclosed. The apparatus comprises a shredder unit (2) for shredding a load of mixed waste, a composting unit (3) providing a microbial environment for composting the food waste portion of the mixed waste load, a heating unit (4) providing a heating environment for heating the inorganic waste portion to a temperature higher than in the composting unit, and a control unit for controlling a moisture level of the mixed waste load in the heating unit (4). When the target moisture level is reached the shredded, composted and dried mixed waste load is transported to an exit unit (6) for optional further processing as refuse derived fuel.

(72)



1- KH/P/2024/00001 SG

2- A

3- METHOD AND APPARATUS FOR WASTE PROCESSING OF MIXED WASTE

4- 800 SUPER WASTE MANAGEMENT PTE LTD [SG]

5- Renee Tan Wee Pheng Mrs Renee Mison [SG]

6- VNP InterPro Law Office

7- B09B 3/35, B09B 3/60

8- KH/P/2024/00001 SG

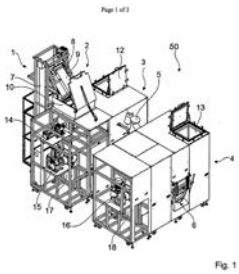
9- Receiving Date: 29/01/2024

SG Filing Date: 08/07/2021 SG Registration Number: 10202107532Y

10-

12- A method and an apparatus for waste processing of mixed waste comprising an organic compostable waste portion and an organic non-compostable waste portion are disclosed. The apparatus comprises a shredder unit (2) for shredding a load of mixed waste, a composting unit (3) providing a microbial environment for composting the food waste portion of the mixed waste load, a heating unit (4) providing a heating environment for heating the inorganic waste portion to a temperature higher than in the composting unit, and a control unit for controlling a moisture level of the mixed waste load in the heating unit (4). When the target moisture level is reached the shredded, composted and dried mixed waste load is transported to an exit unit (6) for optional further processing as refuse derived fuel.

13-



(19) KH/P/2025/00002 SG

(12) A

(31) Multichannel Audio Coding

(33) Dolby Laboratories Licensing Corporation [US]

(72) DAVIS, MARK, FRANKLIN [US]

(74) Kimly IP Service

(51) G10L 19/018, G10L 19/025, G10L 19/06, H04S 3/02, H04S 5/00

(45) KH/P/2025/00002 SG

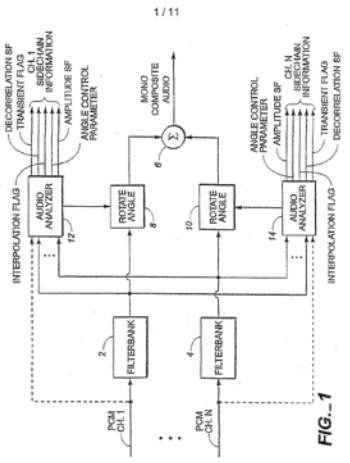
(22) Receiving Date: 09/02/2025

SG Filing Date: 28/02/2005 SG Registration Number: 2025200564828S

(30) 60/549368 01/03/2004 US; 60/579974 14/06/2004 US and 60/588256 14/07/2004 US

(11)

(54)



1- KH/P/2024/00002 SG

2- A

3- Multichannel Audio Coding

4- Dolby Laboratories Licensing Corporation [US]

5- DAVIS, MARK, FRANKLIN [US]

6- Kimly IP Service

7- G10L 19/018, G10L 19/025, G10L 19/06, H04S 3/02, H04S 5/00

8- KH/P/2024/00002 SG

9- Receiving Date: 01/02/2024

SG Filing Date: 28/02/2005 SG Registration Number: 10202004688S

10- 60/549368 01/03/2004 US; 60/579974 14/06/2004 US and 60/588256 14/07/2004 US

12-

13-

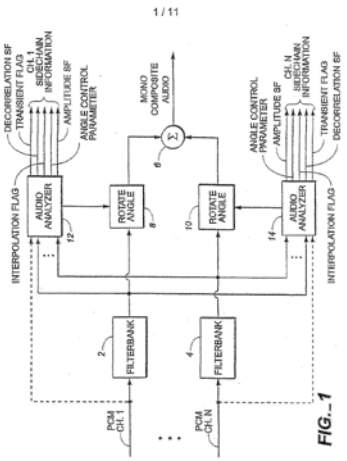


FIG._1

(១) KH/P/២០២៥/០០០០៣ SG

(២) ក

(៣) SHOOTING GAME DEVICE WITH LOCKING FUNCTION AND LOCKING METHOD THEREOF

(៤) Tien-Shu HSU [TW]

(៥) Shun-Tsung HSU [TW] and Chang-Vi WANG [TW]

(៦) Angkor IP

(៧) A63F 13/5372, A63F 13/5375, A63F 13/818, A63F 13/837, A63F 13/843

(៨) KH/P/២០២៥/០០០០៣ SG

(៩) Receiving Date: ០២/០២/២០២៥

SG Filing Date: ២៩/០៥/២០២០ SG Registration Number: ១០២០២០០៥០៨៥P

(១០)

(១១) The invention discloses a shooting game device with a locking function and a locking method thereof, wherein a preview unit generates a preview pattern according to at least one lockable target object, correspondingly, the preview pattern comprises at least one locking diagram corresponding to the at least one lockable target object; and the preview unit presents the preview pattern on a game image to provide for a player. Accordingly, the player can switch and select any one of the at least one locking diagrams through a control unit to enable the game processing unit to lock the corresponding lockable target object, so as to quickly and accurately witch to the lockable target object to be locked, and the requirement is met.

(១២)

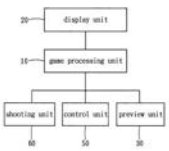


Fig. 1

1- KH/P/2024/00003 SG

2- A

3- SHOOTING GAME DEVICE WITH LOCKING FUNCTION AND LOCKING METHOD THEREOF

4- Tien-Shu HSU [TW]

5- Shun-Tsung HSU [TW] and Chang-Vi WANG [TW]

6- Angkor IP

7- A63F 13/5372, A63F 13/5375, A63F 13/818, A63F 13/837, A63F 13/843

8- KH/P/2024/00003 SG

9- Receiving Date: 02/02/2024

SG Filing Date: 29/05/2020 SG Registration Number: 10202005084P

10-

12- The invention discloses a shooting game device with a locking function and a locking method thereof, wherein a preview unit generates a preview pattern according to at least one lockable target object, correspondingly, the preview pattern comprises at least one locking diagram corresponding to the at least one lockable target object; and the preview unit presents the preview pattern on a game image to provide for a player. Accordingly, the player can switch and select any one of the at least one locking diagrams through a control unit to enable the game processing unit to lock the corresponding lockable target object, so as to quickly and accurately witch to the lockable target object to be locked, and the requirement is met.

13-

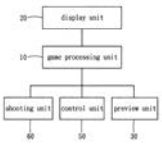


Fig. 1

(19)- KH/P/2025/00005 SG

(12)- ก

(54)- MODULAR FLOATING STRUCTURE AND METHOD OF CONSTRUCTION

(71)- LEGACY FOUNDRY AG [CH]

(72)- VOUILLAMOZ, Lucien [CH]; RINCON HANNA, Francisco Daniel [CH]; JACCARD, Alain [CH] and BOSCHI, Pascal [CH]

(74)- Kimly IP Service

(51)- B63B 35/34, B63B 9/06

(11)- KH/P/2025/00005 SG

(45)- Receiving Date: 05/05/2025

SG Filing Date: 26/07/2019 SG Registration Number: 19202190057-5V

(30)- 62/703,521 26/07/2018 US and 62/856,826 04/06/2019 US

(19)-

(12)-

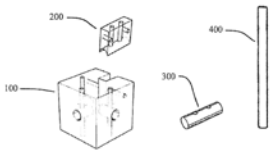


FIG. 1

1/16

1- KH/P/2024/00004 SG

2- A

3- MODULAR FLOATING STRUCTURE AND METHOD OF CONSTRUCTION

4- LEGACY FOUNDRY AG [CH]

5- VOUILLAMOZ, Lucien [CH]; RINCON HANNA, Francisco Daniel [CH]; JACCARD, Alain [CH] and BOSCHI, Pascal [CH]

6- Kimly IP Service

7- B63B 35/34, B63B 9/06

8- KH/P/2024/00004 SG

9- Receiving Date: 04/04/2024
SG Filing Date: 26/07/2019 SG Registration Number: 11202100574V

10- 62/703,521 26/07/2018 US and 62/856,826 04/06/2019 US

12-

13-

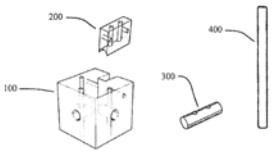


FIG. 1

1/16

(១)- KH/P/២០២៥/០០០០៥ SG

(២)- ក

(៣)- INTEGRATION OF HIGH FREQUENCY RECONSTRUCTION TECHNIQUES WITH REDUCED POST -PROCESSING DELAY

(៥)- DOLBY INTERNATIONAL AB [IE]

(៥)- KJOERLING, Kristofer [US]; VILLEMOES, Lars [US]; PURNHAGEN, Heiko [US] and EKSTRAND, Per [US]

(៦)- BNG LEGAL

(៧)- G01L 21/02, G10L 19/18, G10L 21/038

(៨)- KH/P/២០២៥/០០០០៥ SG

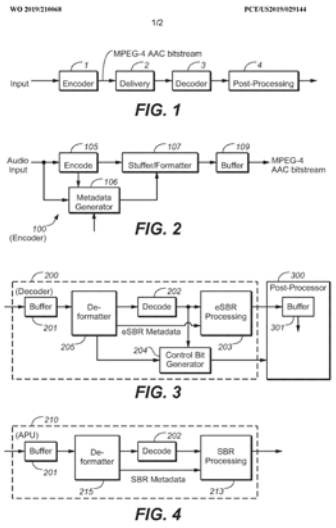
(៩)- Receiving Date: ២២/០៥/២០២៥

SG Filing Date: ២៥/០៥/២០១៩ SG Registration Number: ១១២០២០១០៣៦៧Y

(១០)- 62/662,296 25/04/2018 US

(១១)-

(១២)-



1- KH/P/2024/00005 SG

2- A

3- INTEGRATION OF HIGH FREQUENCY RECONSTRUCTION TECHNIQUES WITH REDUCED POST -PROCESSING DELAY

4- DOLBY INTERNATIONAL AB [IE]

5- KJOERLING, Kristofer [US]; VILLEMOES, Lars [US]; PURNHAGEN, Heiko [US] and EKSTRAND, Per [US]

6- BNG LEGAL

7- G01L 21/02, G10L 19/18, G10L 21/038

8- KH/P/2024/00005 SG

9- Receiving Date: 22/04/2024

SG Filing Date: 25/04/2019 SG Registration Number: 11202010367Y

10- 62/662,296 25/04/2018 US

12-

13-

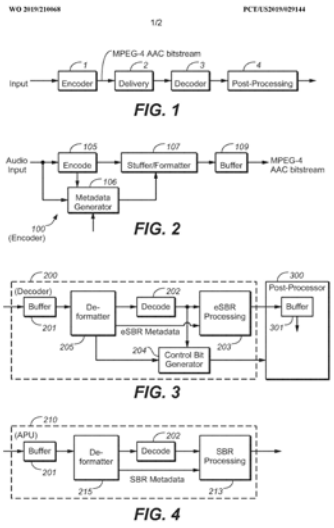


FIG. 1

FIG. 2

FIG. 3

FIG. 4

១- KH/P/២០២៤/០០០០៦ SG

២- ក

៣- A METHOD AND SYSTEM FOR THE APPLICATION OF CHEMICAL COMPOUNDS TO NATURAL FIBERS AND TREATED FffiERS OBTAINED THEREFROM

៤- ARGAMAN TECHNOLOGIES LTD. [IL]

៥- GABBAY, Jeffrey S. [IL]

៦- HAVIP (CAMBODIA) IP SERVICE

៧- D01G 23/00, D02G 3/44, D06B 13/00, D06B 15/02, D06B 3/02, D06L 4/657, D06L 4/75, D06M 10/02, D06M 10/06, D06M 10/08, D06M 11/05, D06M 11/36, D06M 11/83, D06M 11/84, D06M 13/07, D06M 13/525, D06M 15/05, D06M 15/13, D06M 15/17, D06M 15/705, D06M 15/71, D06M 23/10, D06M 23/12

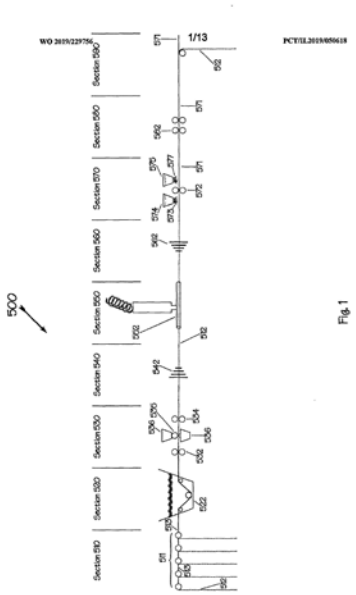
៨- KH/P/២០២៤/០០០០៦ SG

៩- Receiving Date: ១៣/០៥/២០២៤

SG Filing Date: ៣០/០៥/២០១៩ SG Registration Number: ១១២០២០១០៩៨៣S

១០- 62/678,280 31/05/2018 US

១១- There is provided an impregnated natural fiber including a cuticle and an interior lumen, the cuticle circumscribing the interior lumen; and insoluble particulates possessing a preselected property embedded in the fiber. The particulates comprise at least 0.1-30 wt.% of the impregnated fiber and the particulates are embedded on the cuticle and within the lumen of the fiber. The fiber has an increased strength, micronaire value and rate ofwater absorption. Also provided is a system for surface treating cellulose sliver fibers. The system includes a vessel containing a moist paste which comprises at least one particulate material possessing one or more preselect~d desired properties, a thickening agent and water. The paste from the vessel is dispensed directly onto sliver fiber ribbon(s). A bore sonotrode generates ultrasonic waves which embed the particulate material(s) in the sliver fibers.


WO 2019/229756
1/13
PCT/IL2019/050618
500
Section 560
Section 550
Section 540
Section 530
Section 520
Section 510
Fig. 1

1- KH/P/2024/00006 SG

2- A

3- A METHOD AND SYSTEM FOR THE APPLICATION OF CHEMICAL COMPOUNDS TO NATURAL FIBERS AND TREATED FffiERS OBTAINED THEREFROM

4- ARGAMAN TECHNOLOGIES LTD. [IL]

5- GABBAY, Jeffrey S. [IL]

6- HAVIP (CAMBODIA) IP SERVICE

7- D01G 23/00, D02G 3/44, D06B 13/00, D06B 15/02, D06B 3/02, D06L 4/657, D06L 4/75, D06M 10/02, D06M 10/06, D06M 10/08, D06M 11/05, D06M 11/36, D06M 11/83, D06M 11/84, D06M 13/07, D06M 13/525, D06M 15/05, D06M 15/13, D06M 15/17, D06M 15/705, D06M 15/71, D06M 23/10, D06M 23/12

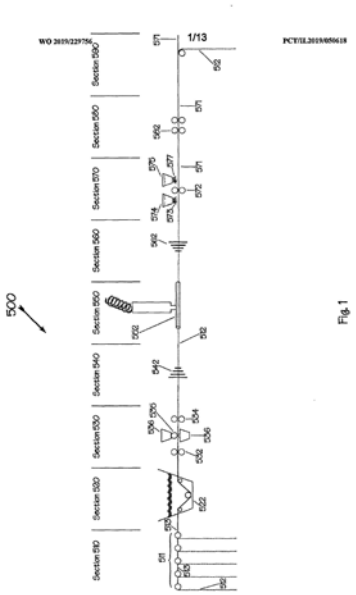
8- KH/P/2024/00006 SG

9- Receiving Date: 13/05/2024
SG Filing Date: 30/05/2019 SG Registration Number: 11202010983S

10- 62/678,280 31/05/2018 US

12- There is provided an impregnated natural fiber including a cuticle and an interior lumen, the cuticle circumscribing the interior lumen; and insoluble particulates possessing a preselected property embedded in the fiber. The particulates comprise at least 0.1-30 wt.% of the impregnated fiber and the particulates are embedded on the cuticle and within the lumen of the fiber. The fiber has an increased strength, micronaire value and rate ofwater absorption. Also provided is a system for surface treating cellulose sliver fibers. The system includes a vessel containing a moist paste which comprises at least one particulate material possessing one or more preselect~d desired properties, a thickening agent and water. The paste from the vessel is dispensed directly onto sliver fiber ribbon(s). A bore sonotrode generates ultrasonic waves which embed the particulate material(s) in the sliver fibers.

13-



(19)- KH/P/2025/00007 SG

(20)- ក

(54)- SOURCE COLOR VOLUME INFORMATION MESSAGING

(71)- DOLBY LABORATORIES LICENSING CORPORATION [US]

(72)- CHEN, Tao [US]; YIN, Peng [US]; LU, Taoran [US] and HUSAK, Walter J. [US]

(74)- BNG LEGAL

(51)- H04N 19/186, H04N 19/70

(88)- KH/P/2025/00007 SG

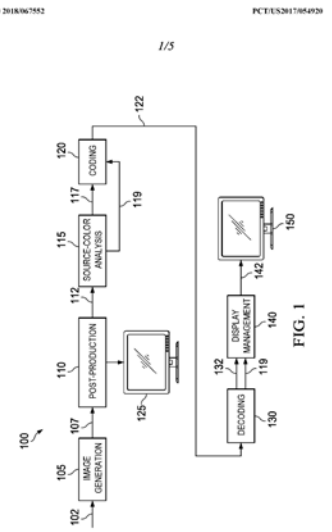
(96)- Receiving Date: 27/06/2025

SG Filing Date: 03/10/2017 SG Registration Number: 11201904259S

(30)- 62/404,302 05/10/2016 US and 62/427,677 29/11/2016 US

(11)-

(12)-



1- KH/P/2024/00007 SG

2- A

3- SOURCE COLOR VOLUME INFORMATION MESSAGING

4- DOLBY LABORATORIES LICENSING CORPORATION [US]

5- CHEN, Tao [US]; YIN, Peng [US]; LU, Taoran [US] and HUSAK, Walter J. [US]

6- BNG LEGAL

7- H04N 19/186, H04N 19/70

8- KH/P/2024/00007 SG

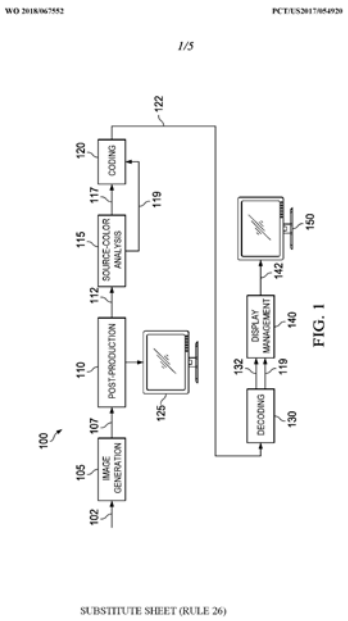
9- Receiving Date: 27/06/2024

SG Filing Date: 03/10/2017 SG Registration Number: 11201902914S

10- 62/404,302 05/10/2016 US and 62/427,677 29/11/2016 US

12-

13-



(19)- KH/P/2025/00008 SG

(12)- ក

(54)- SOURCE COLOR VOLUME INFORMATION MESSAGING

(71)- DOLBY LABORATORIES LICENSING CORPORATION [US]

(72)- CHEN, Tao [US]; YIN, Peng [US]; LU, Taoran [US] and HUSAK, Walter J. [US]

(74)- BNG LEGAL

(51)- H04N 19/186, H04N 19/46, H04N 19/70, H04N 21/235, H04N 21/84

(11)- KH/P/2025/00008 SG

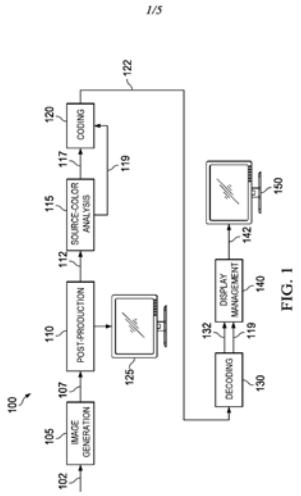
(45)- Receiving Date: 27/06/2025

SG Filing Date: 03/10/2017 SG Registration Number: 10201703039X

(30)- 62/404,302 05/10/2016 US and 62/427,677 29/11/2016 US

(44)-

(57)-



SUBSTITUTE SHEET (RULE 26)

1- KH/P/2024/00008 SG

2- A

3- SOURCE COLOR VOLUME INFORMATION MESSAGING

4- DOLBY LABORATORIES LICENSING CORPORATION [US]

5- CHEN, Tao [US]; YIN, Peng [US]; LU, Taoran [US] and HUSAK, Walter J. [US]

6- BNG LEGAL

7- H04N 19/186, H04N 19/46, H04N 19/70, H04N 21/235, H04N 21/84

8- KH/P/2024/00008 SG

9- Receiving Date: 27/06/2024

SG Filing Date: 03/10/2017 SG Registration Number: 10202300347X

10- 62/404,302 05/10/2016 US and 62/427,677 29/11/2016 US

12-

13-

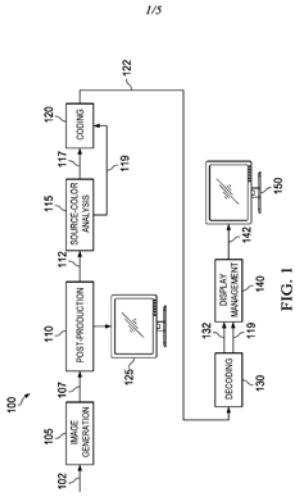


FIG. 1

SUBSTITUTE SHEET (RULE 26)

(១)- KH/P/២០២៥/០០០០៩ SG

(២)- ក

(៣)- APPARATUS, METHOD AND COMPUTER PROGRAM FOR UPMIXING A DOWNMIX AUDIO SIGNAL

(៥)- FRAUNHOFER-GESELLSCHAFT ZUR FöRDERUNG DER ANGEWANDTEN FORSCHUNG E.V. [DE]

(៥)- NEUSINGER, MATTHIAS [DE]; ROBILLIARD, JULIEN [FR] and HILPERT, JOHANNES [DE]

(៦)- Kimly IP Service

(៧)- G10L 19/00

(៨)- KH/P/២០២៥/០០០០៩ SG

(៩)- Receiving Date: ២៥/០៩/២០២៥

SG Filing Date: ១២/០១/២០១០ SG Registration Number: ២០១១០៥៣៧៧៥

(១០)- 09007086.3 27/05/2009 EP and 61/147,815 28/01/2009 US

(១១)-

(១២)-

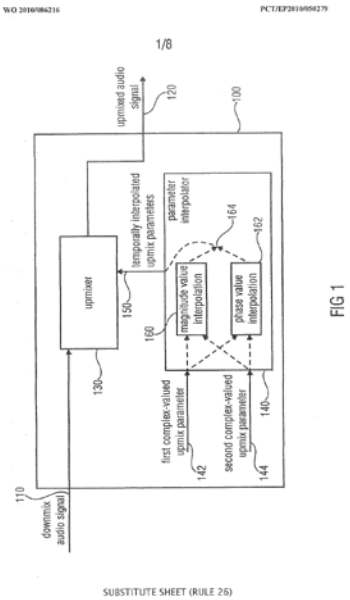


FIG 1

1- KH/P/2024/00009 SG

2- A

3- APPARATUS, METHOD AND COMPUTER PROGRAM FOR UPMIXING A DOWNMIX AUDIO SIGNAL

4- FRAUNHOFER-GESELLSCHAFT ZUR FöRDERUNG DER ANGEWANDTEN FORSCHUNG E.V. [DE]

5- NEUSINGER, MATTHIAS [DE]; ROBILLIARD, JULIEN [FR] and HILPERT, JOHANNES [DE]

6- Kimly IP Service

7- G10L 19/00

8- KH/P/2024/00009 SG

9- Receiving Date: 25/09/2024

SG Filing Date: 12/01/2010 SG Registration Number: 2011053774

10- 09007086.3 27/05/2009 EP and 61/147,815 28/01/2009 US

12-

13-

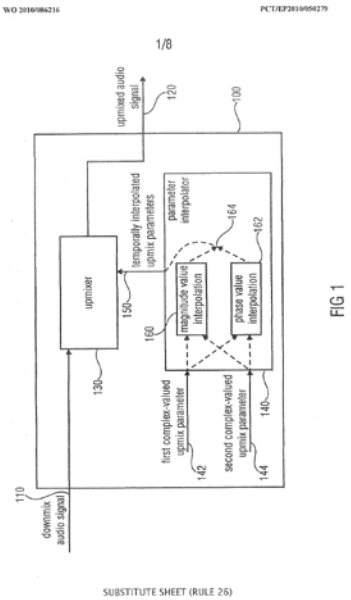


FIG 1

(១)- KH/P/២០២៥/០០០១០ SG

(២)- ក

(៣)- AUDIO DECODER, AUDIO ENCODER, METHOD FOR DECODING AN AUDIO SIGNAL, METHOD FOR ENCODING AN AUDIO SIGNAL, COMPUTER PROGRAM AND AUDIO SIGNAL

(៤)- FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E .V. [DE]

(៥)- FUCHS, GUILLAUME [FR]; MULTRUS, MARKUS [DE]; GEIGER, RALF [DE]; BORSUM, ARNE [DE]; NAGEL, FREDERIK [DE]; ROBILLIARD, JULIEN [FR]; SUBBARAMAN, VIGNESH [DE] and LECOMTE, JÉRÉMIE [DE]

(៦)- Kimly IP Service

(៧)- G10L 19/00, G10L 19/02

(៨)- KH/P/២០២៥/០០០១០ SG

(៩)- Receiving Date: ២៥/០៩/២០២៥

SG Filing Date: ០៦/១០/២០០៩ SG Registration Number: ២០១១០២៥៥២៩

(១០)- 61/103,820 08/10/2008 US

(១១)-

(១២)-

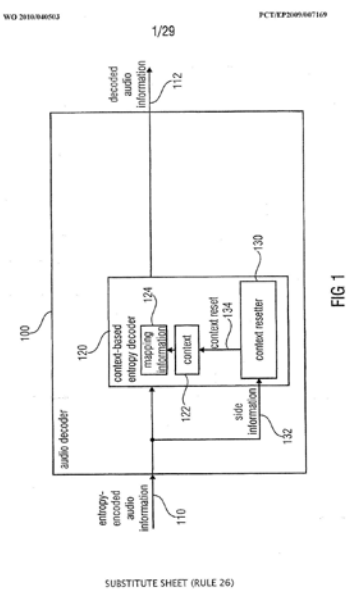


FIG 1

1- KH/P/2024/00010 SG

2- A

3- AUDIO DECODER, AUDIO ENCODER, METHOD FOR DECODING AN AUDIO SIGNAL, METHOD FOR ENCODING AN AUDIO SIGNAL, COMPUTER PROGRAM AND AUDIO SIGNAL

4- FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E .V. [DE]

5- FUCHS, GUILLAUME [FR]; MULTRUS, MARKUS [DE]; GEIGER, RALF [DE]; BORSUM, ARNE [DE]; NAGEL, FREDERIK [DE]; ROBILLIARD, JULIEN [FR]; SUBBARAMAN, VIGNESH [DE] and LECOMTE, JÉRÉMIE [DE]

6- Kimly IP Service

7- G10L 19/00, G10L 19/02

8- KH/P/2024/00010 SG

9- Receiving Date: 25/09/2024

SG Filing Date: 06/10/2009 SG Registration Number: 2011024429

10- 61/103,820 08/10/2008 US

12-

13-

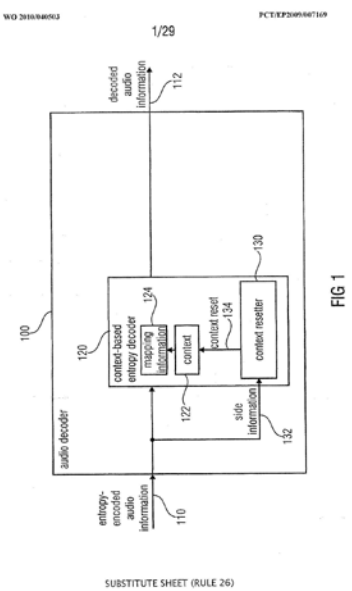


FIG 1

១- KH/P/២០២៤/០០០១១ SG

២- ក

៣- PREDICTIVE TRAFFIC MANAGEMENT SYSTEM

៤- ROY, Prannoy [IN]

៥- ROY, Prannoy [IN]

៦- LEE & CORP LEGAL

៧- G08G 1/01, G08G 1/095

៨- KH/P/២០២៤/០០០១១ SG

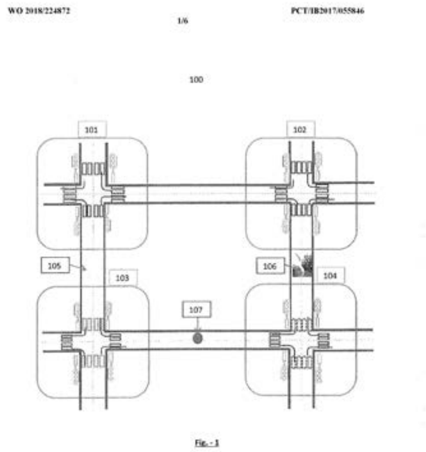
៩- Receiving Date: ២១/១០/២០២៤

SG Filing Date: ២៦/០៩/២០១៧ SG Registration Number: ១១២០១៩១០៤៧៨P

១០- 201711020313 09/06/2017 IN and 201711022165 23/06/2017 IN

១១-

១២-



1- KH/P/2024/00011 SG

2- A

3- PREDICTIVE TRAFFIC MANAGEMENT SYSTEM

4- ROY, Prannoy [IN]

5- ROY, Prannoy [IN]

6- LEE & CORP LEGAL

7- G08G 1/01, G08G 1/095

8- KH/P/2024/00011 SG

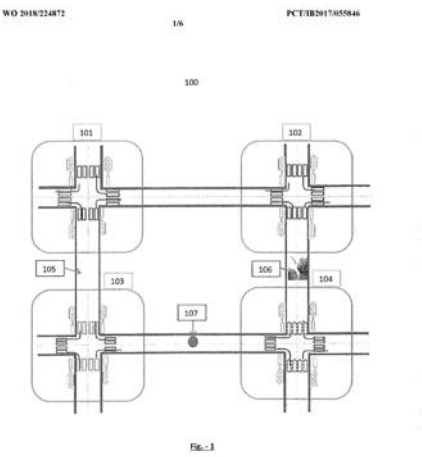
9- Receiving Date: 21/10/2024

SG Filing Date: 26/09/2017 SG Registration Number: 11201910478P

10- 201711020313 09/06/2017 IN and 201711022165 23/06/2017 IN

12-

13-



(១)- KH/P/២០២៥/០០០១២ SG

(២)- ក

(៣)- DECODING AUDIO BITSTREAMS WITH ENHANCED SPECTRAL BAND REPLICATION METADATA IN AT LEAST ONE FILL ELEMENT

(៥)- DOLBY INTERNATIONAL AB [IE]

(៥)- VILLEMOES, Lars [SE]; PURNHAGEN, Heiko [SE] and EKSTRAND, Per [SE]

(៦)- BNG LEGAL

(៧)- G10L 19/00

(៨)- KH/P/២០២៥/០០០១២ SG

(៩)- Receiving Date: ២៣/១០/២០២៥

SG Filing Date: ១០/០៣/២០១៦ SG Registration Number: ១០២០១៨០២០០២Q

(១០)- 15159067.6 13/03/2015 EP and 62/133,800 16/03/2015 US

(១១)-

(១២)-

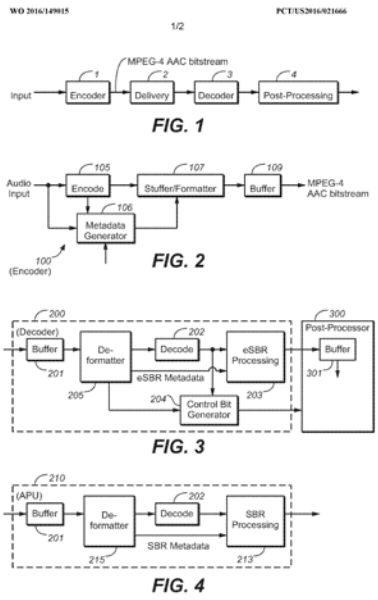


FIG. 1

FIG. 2

FIG. 3

FIG. 4

1- KH/P/2024/00012 SG

2- A

3- DECODING AUDIO BITSTREAMS WITH ENHANCED SPECTRAL BAND REPLICATION METADATA IN AT LEAST ONE FILL ELEMENT

4- DOLBY INTERNATIONAL AB [IE]

5- VILLEMOES, Lars [SE]; PURNHAGEN, Heiko [SE] and EKSTRAND, Per [SE]

6- BNG LEGAL

7- G10L 19/00

8- KH/P/2024/00012 SG

9- Receiving Date: 23/10/2024

SG Filing Date: 10/03/2016 SG Registration Number: 10201802002Q

10- 15159067.6 13/03/2015 EP and 62/133,800 16/03/2015 US

12-

13-

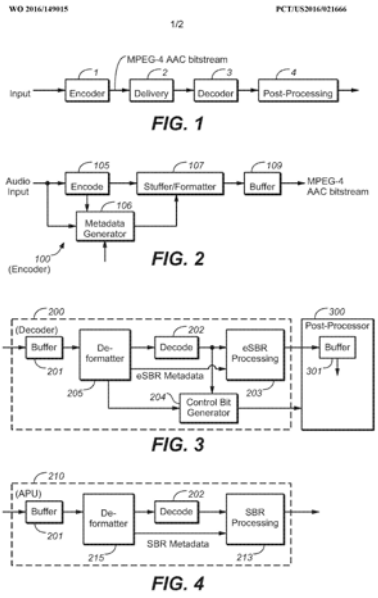


FIG. 1

FIG. 2

FIG. 3

FIG. 4

១- KH/P/២០២៤/០០០១៣ SG

២- ក

៣- DECODING AUDIO BITSTREAMS WITH ENHANCED SPECTRAL BAND REPLICATION METADATA IN AT LEAST ONE FILL ELEMENT

៤- DOLBY INTERNATIONAL AB [IE]

៥- VILLEMOES, Lars [SE]; PURNHAGEN, Heiko [SE] and EKSTRAND, Per [SE]

៦- BNG LEGAL

៧- G10L 19/035, G10L 19/16

៨- KH/P/២០២៤/០០០១៣ SG

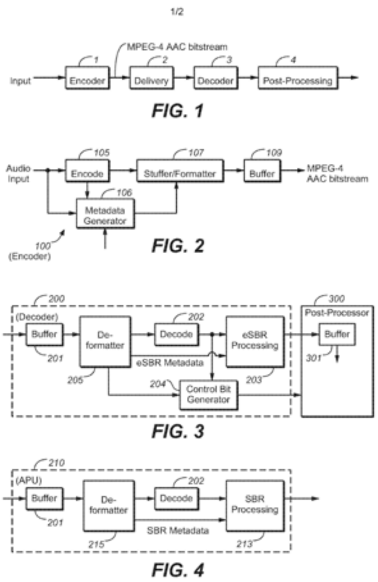
៩- Receiving Date: ០៦/១១/២០២៤

SG Filing Date: ១០/០៣/២០១៦ SG Registration Number: ១០២០២០០៥២៦០V

១០- 15159067.6 13/03/2015 EP and 62/133,800 16/03/2015 US

១១-

១២-



1- KH/P/2024/00013 SG

2- A

3- DECODING AUDIO BITSTREAMS WITH ENHANCED SPECTRAL BAND REPLICATION METADATA IN AT LEAST ONE FILL ELEMENT

4- DOLBY INTERNATIONAL AB [IE]

5- VILLEMOES, Lars [SE]; PURNHAGEN, Heiko [SE] and EKSTRAND, Per [SE]

6- BNG LEGAL

7- G10L 19/035, G10L 19/16

8- KH/P/2024/00013 SG

9- Receiving Date: 06/11/2024

SG Filing Date: 10/03/2016 SG Registration Number: 10202005260V

10- 15159067.6 13/03/2015 EP and 62/133,800 16/03/2015 US

12-

13-

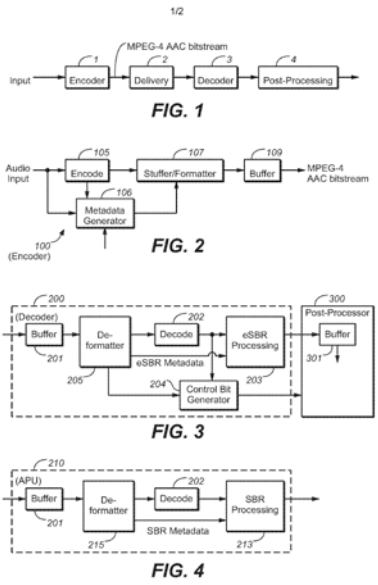


FIG. 1

FIG. 2

FIG. 3

FIG. 4

(11)- KH/P/2025/00095 SG

(12)- A

(13)- ULTRASOUND CONTRAST AGENT AND METHODS FOR USE THEREOF

(15)- GE HEALTHCARE AS [NO]

(16)- HENRIKSEN, Ingrid [NO]; TAMNES, Eva, Krog [NO]; SONTUM, Per [NO] and KVALE, Svein [NO]

(17)- Kimly IP Service

(18)- A61K 47/24, A61K 49/22, A61K 9/10

(19)- KH/P/2025/00095 SG

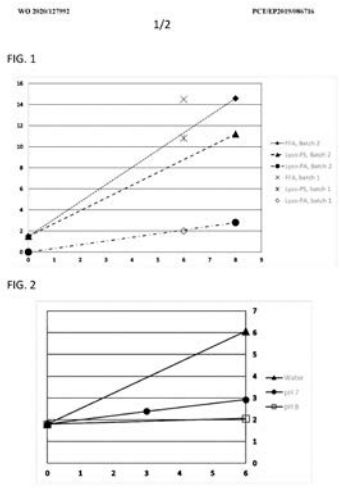
(20)- Receiving Date: 22/11/2025

SG Filing Date: 20/12/2019 SG Registration Number: 11202190665T

(30)- 1821049.2 21/12/2018 GB

(33)-

(34)-



1- KH/P/2024/00014 SG

2- A

3- ULTRASOUND CONTRAST AGENT AND METHODS FOR USE THEREOF

4- GE HEALTHCARE AS [NO]

5- HENRIKSEN, Ingrid [NO]; TAMNES, Eva, Krog [NO]; SONTUM, Per [NO] and KVALE, Svein [NO]

6- Kimly IP Service

7- A61K 47/24, A61K 49/22, A61K 9/10

8- KH/P/2024/00014 SG

9- Receiving Date: 22/11/2024

SG Filing Date: 20/12/2019 SG Registration Number: 11202106665T

10- 1821049.2 21/12/2018 GB

12-

13-