

Welcome to EPOQUE Rebuild under the Production Environment

[EPODOC: SS 33] downmix and signal and linear_combination and parameter+

Results in EPODOC 24

[SS 34] ..li pn ti



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PN - [US2017332185](#) A1 20171116

TI - (A1)
 Parametric Mixing of Audio
 Signals
 - (B2)
 Parametric mixing of audio
 signals

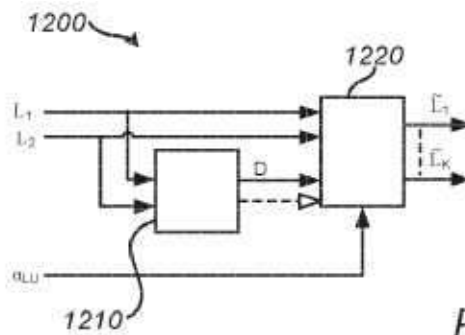


Fig. 12

2/24 © EPODOC / EPO

PN - [PH12017500723](#) A1 20171009

TI - PARAMETRIC MIXING OF AUDIO
 SIGNALS

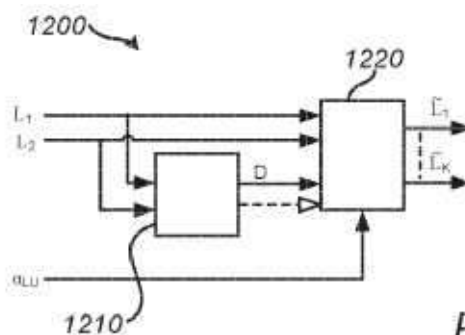


Fig. 12

3/24 © EPODOC / EPO

PN - [MX2017005409](#) A 20170621

TI - PARAMETRIC MIXING OF AUDIO SIGNALS.

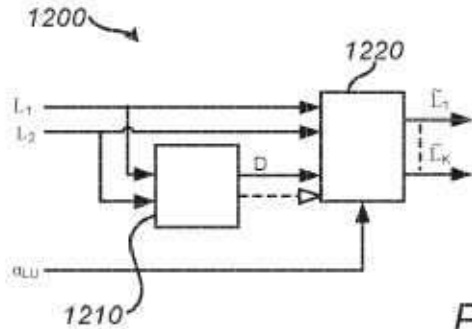


Fig. 12

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PN - [CN107112020](#) A 20170829

TI - Parametric mixing of audio signals

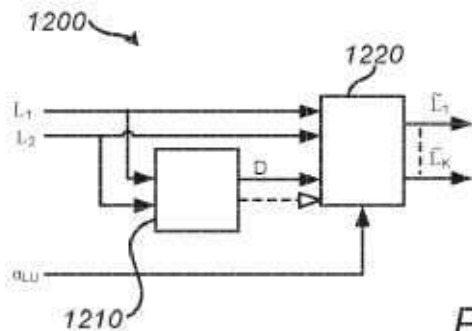


Fig. 12

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PN - [CA2965731](#) A1 20160506

TI - PARAMETRIC MIXING OF AUDIO SIGNALS

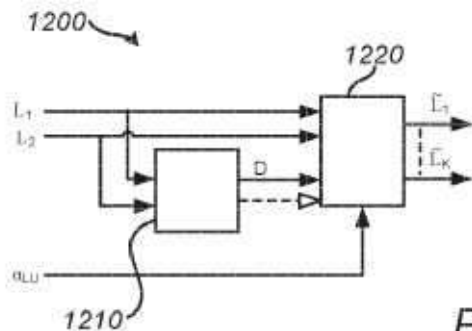


Fig. 12

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PN - [TW201629951](#) A 20160816

TI - (A)
Parametric mixing of audio signals
- (B)
Method and system for decoding and encoding of audio signals, computer program product, and computer-readable medium

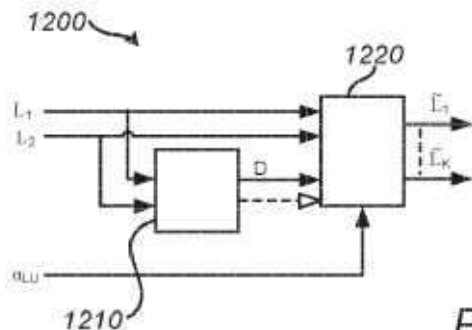
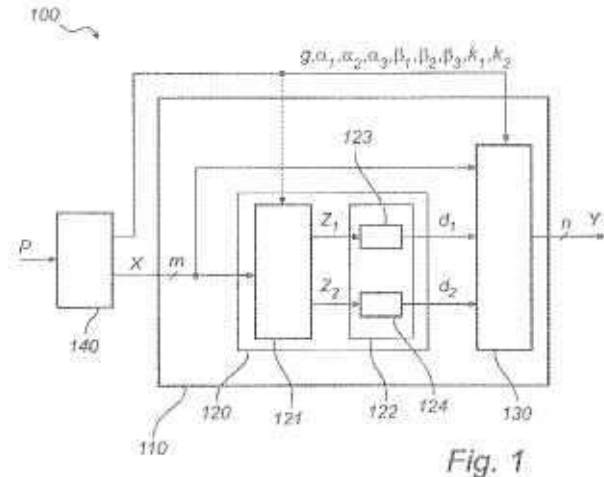


Fig. 12

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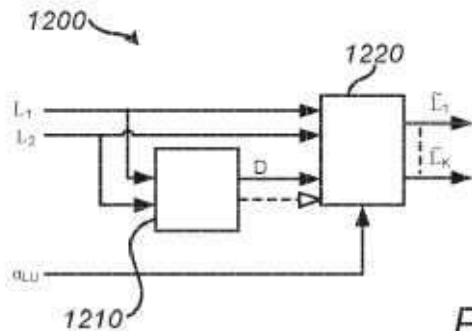
PN - [US2016019899](#) A1 20160121

TI - (A1)
Audio Processing
- (B2)
Audio processing

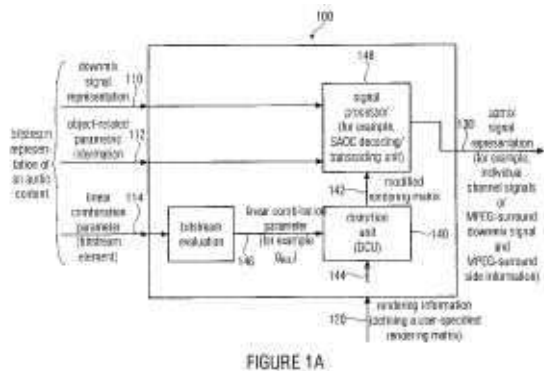


8/24 © EPODOC / EPO
PN - [WO2016066705](#) A1 20160506

TI - PARAMETRIC MIXING OF AUDIO SIGNALS

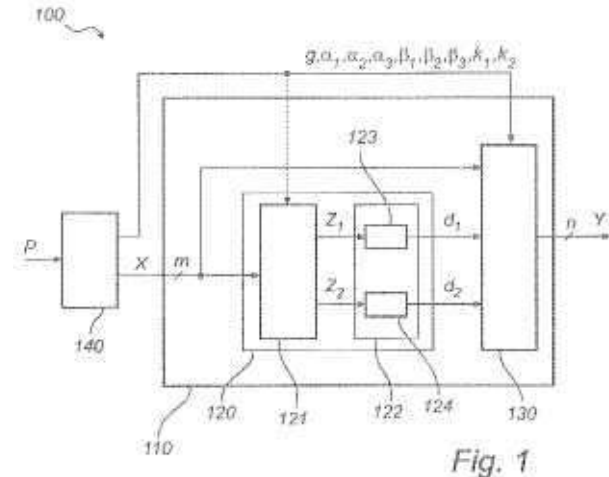


9/24 © EPODOC / EPO
PN - [MY154641](#) A 20150715
TI - APPARATUS FOR PROVIDING AN UPMIX **SIGNAL** REPRESENTATION ON THE BASIS OF THE **DOWNMIX SIGNAL** REPRESENTATION, APPARATUS FOR PROVIDING A BITSTREAM REPRESENTING A MULTI-CHANNEL AUDIO **SIGNAL**, METHODS, COMPUTER PROGRAMS AND BITSTREAM REPRESENTING A MULTI-CHANNEL AUDIO **SIGNAL** USING A LINEAR COMBINATION **PARAMETER**



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PN - [CN104160442](#) A 20141119

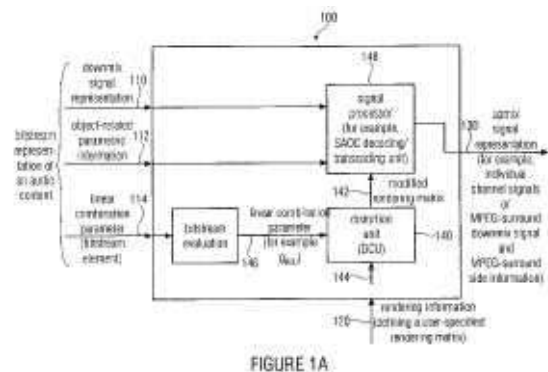


TI - (A)
Audio processing

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PN - [TW201131553](#) A 20110916

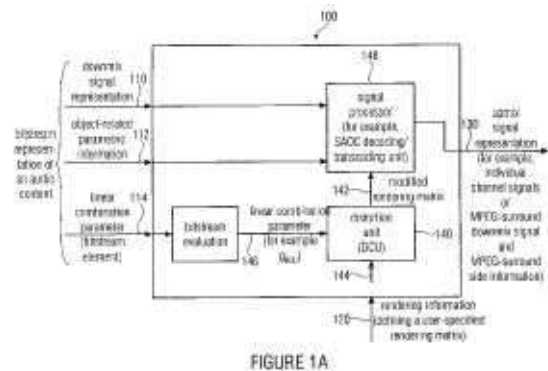
- (A B)
Apparatus for providing an upmix **signal** representation on the basis of the **downmix signal** representation, apparatus for providing a bitstream representing a multi-channel audio **signal**, methods, computer programs and bitstream representing a multi-channel



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PN - [RU2012127554](#) A 20131227

TI - (C2)
DEVICE FOR PROVIDING
UPMIX **SIGNAL** REPRESENTATION
BASED ON **DOWNMIX SIGNAL**
REPRESENTATION, DEVICE FOR
PROVIDING BITSTREAM
REPRESENTING MULTICHANNEL
AUDIO **SIGNAL**, METHODS,
COMPUTER PROGRAMS AND
BITSTREAM REPRESENTING
MULTICHANNEL AUDIO **SIGNAL**
USING **LINEAR COMBINATION**
PARAMETER



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PN - [MX2012005781](#) A 20121106

TI - APPARATUS FOR PROVIDING AN UPMIX **SIGNAL** REPRESEN.

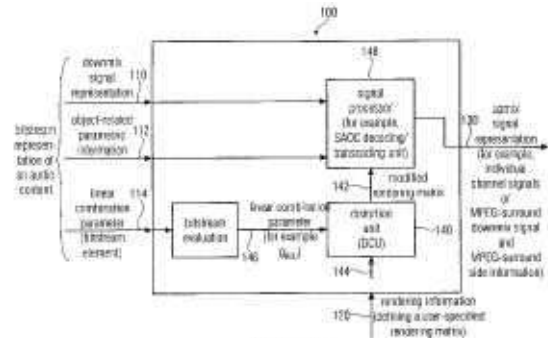


FIGURE 1A

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PN - [WO2013124446](#) A1 20130829

TI - AUDIO PROCESSING

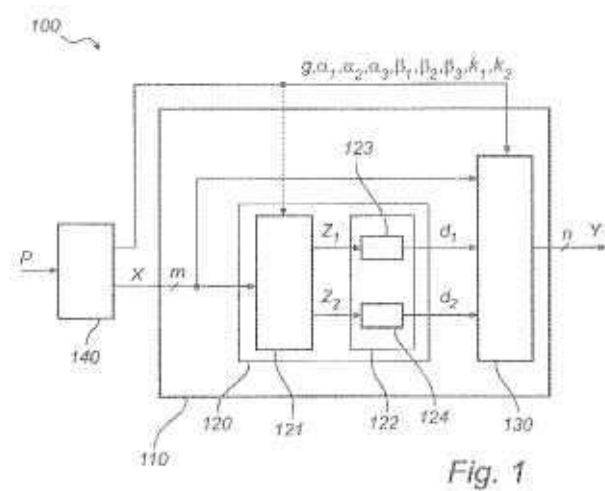


Fig. 1

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PN - [US2012259643](#) A1 20121011

TI - (A1)
 APPARATUS FOR PROVIDING AN UPMIX **SIGNAL** REPRESENTATION ON THE BASIS OF THE **DOWNMIX SIGNAL** REPRESENTATION,
 APPARATUS FOR PROVIDING A BITSTREAM REPRESENTING A MULTI-CHANNEL AUDIO **SIGNAL**,
 METHODS, COMPUTER PROGRAMS AND BITSTREAM REPRESENTING A MULTI-CHANNEL AUDIO **SIGNAL** USING A **LINEAR COMBINATION PARAMETER**
 - (B2)
 Apparatus for providing an upmix **signal** representation on the basis of the **downmix signal** representation, apparatus for

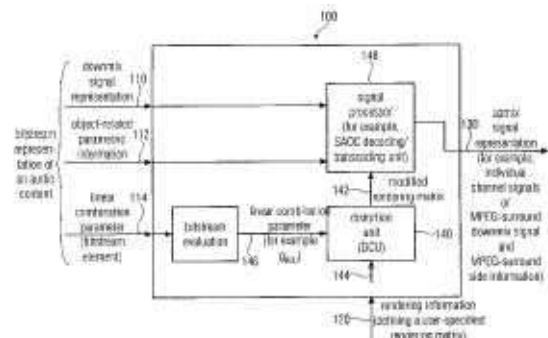


FIGURE 1A

providing a bitstream
representing a multi-channel
audio **signal**, methods, computer
programs and bitstream
representing a multi-channel
audio **signal** using a **linear
combination parameter**

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PN - [CN102714038](#) A 20121003

TI - (A B)

Apparatus for providing an
upmix **signal** representation on
the basis of the **downmix signal**
representation, apparatus for
providing a bitstream
representing a multi-channel
audio **signal**, methods, computer
programs and bitstream
representing a multi-cha

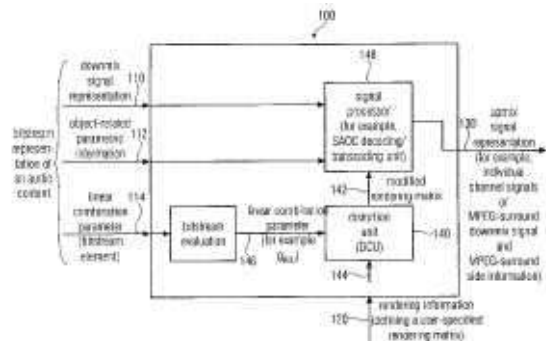


FIGURE 1A

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PN - [KR20120084314](#) A 20120727

TI - (A)

APPARATUS FOR PROVIDING AN
UPMIX **SIGNAL** REPRESENTATION
ON THE BASIS OF THE **DOWNMIX
SIGNAL** REPRESENTATION,
APPARATUS FOR PROVIDING A
BITSTREAM REPRESENTING A
MULTI-CHANNEL AUDIO **SIGNAL**,
METHODS, COMPUTER
PROGRAMS AND BITSTREAM
REPRESENTING A MULTI-CHANNEL
AUDIO **SIGNAL** USING A **LINEAR
COMBINATION PARAMETER**

- (B1)

APPARATUS FOR PROVIDING AN
UPMIX **SIGNAL** REPRESENTATION
ON THE BASIS OF THE **DOWNMIX
SIGNAL** REPRESENTATION,
APPARATUS FOR PROVIDING A
BITSTREAM REPRESENTING A
MULTI-CHANNEL AUDIO **SIGNAL**,
METHODS, COMPUTER
PROGRAMS AND BITSTREAM
REPRESENTING A MULTI-CHANNEL
AUDIO **SIGNAL** USING A **LINEAR**

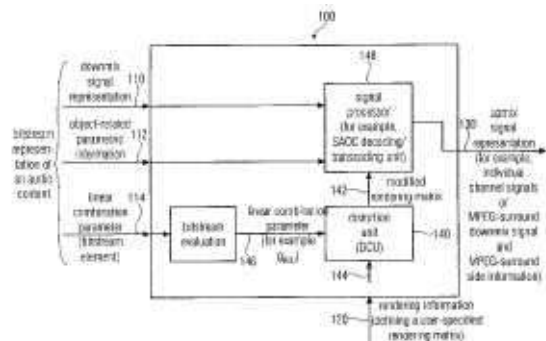


FIGURE 1A

COMBINATION PARAMETER

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PN - [AU2010321013](#) A1 20120712

TI - (A1 B2)

Apparatus for providing an upmix **signal** representation on the basis of the **downmix signal** representation, apparatus for providing a bitstream representing a multi-channel audio **signal**, methods, computer programs and bitstream representing a multi-channel audio **signal** using a **linear combination parameter**

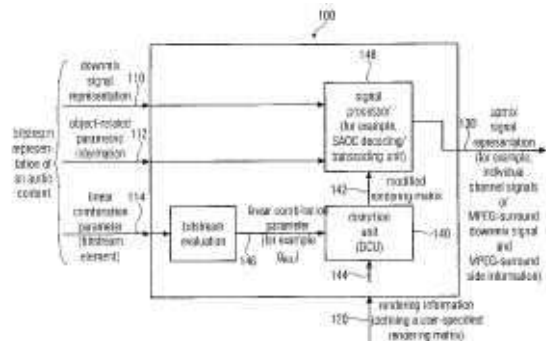


FIGURE 1A

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PN - [CA2781310](#) A1 20110526

TI - (A1 C)

APPARATUS FOR PROVIDING AN UPMIX **SIGNAL** REPRESENTATION ON THE BASIS OF THE **DOWNMIX SIGNAL** REPRESENTATION, APPARATUS FOR PROVIDING A BITSTREAM REPRESENTING A MULTI-CHANNEL AUDIO **SIGNAL**, METHODS, COMPUTER PROGRAMS AND BITSTREAM REPRESENTING A MULTI-CHANNEL AUDIO **SIGNAL** USING A **LINEAR COMBINATION PARAMETER**

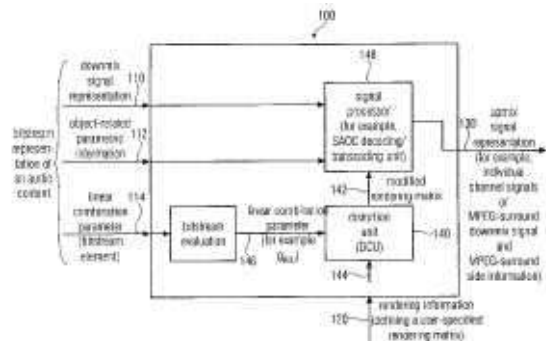


FIGURE 1A

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PN - [WO2011061174](#) A1 20110526

TI - APPARATUS FOR PROVIDING AN UPMIX **SIGNAL** REPRESENTATION ON THE BASIS OF THE **DOWNMIX SIGNAL** REPRESENTATION, APPARATUS FOR PROVIDING A BITSTREAM REPRESENTING A MULTI-CHANNEL AUDIO **SIGNAL**, METHODS, COMPUTER PROGRAMS AND BITSTREAM REPRESENTING A MULTI-CHA

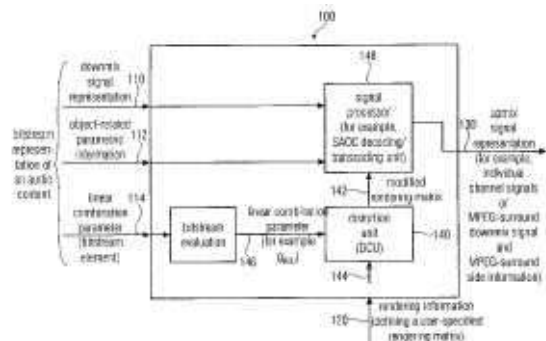


FIGURE 1A

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PN - [EP2489038](#) A1 20120822

TI - (A1 B1)
 APPARATUS FOR PROVIDING AN UPMIX **SIGNAL** REPRESENTATION ON THE BASIS OF THE **DOWNMIX SIGNAL** REPRESENTATION, APPARATUS FOR PROVIDING A BITSTREAM REPRESENTING A MULTI-CHANNEL AUDIO **SIGNAL**, METHODS, COMPUTER PROGRAMS AND BITSTREAM REPRESENTING A MULTI-CHANNEL AUDIO **SIGNAL** USING A **LINEAR COMBINATION PARAMETER**

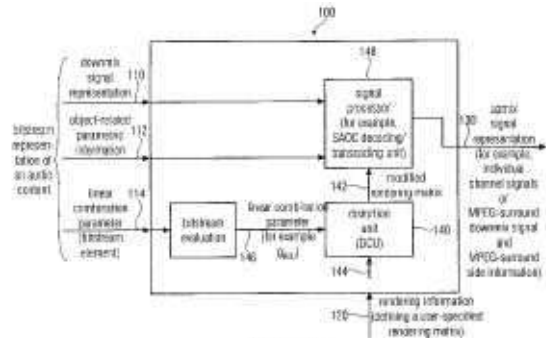
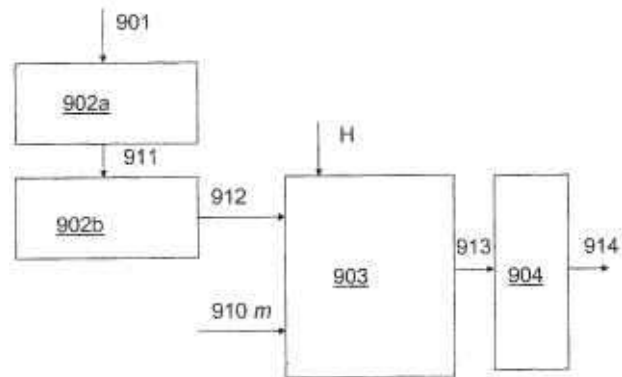


FIGURE 1A

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PN - [US2009110203](#) A1 20090430

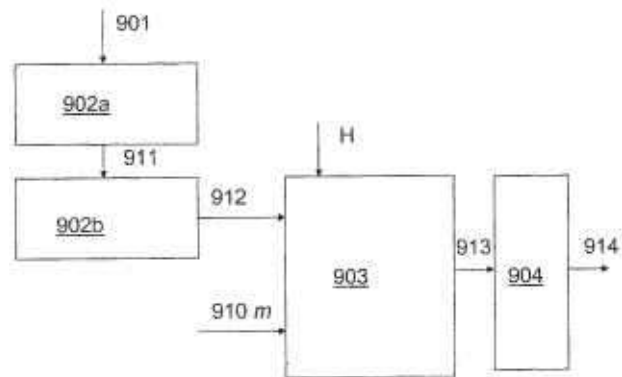
TI - (A1 B2)
 METHOD AND ARRANGEMENT FOR A DECODER FOR MULTI-CHANNEL SURROUND SOUND



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PN - [CN101411214](#) A 20090415

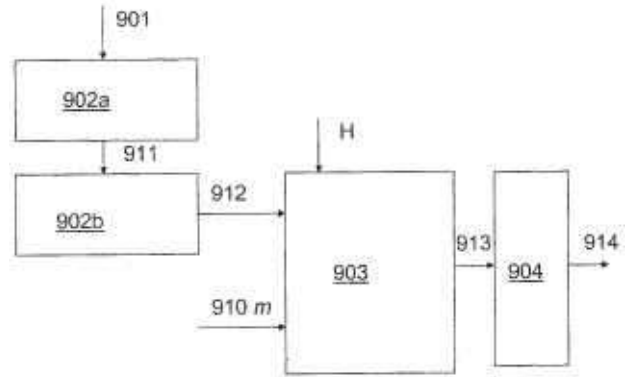
TI - (A B)
 Method and arrangement for a decoder for multi-channel surround sound



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PN - [WO2007111568](#) A2 20071004

TI - (A2 A3)
METHOD AND ARRANGEMENT
FOR A DECODER FOR
MULTI-CHANNEL SURROUND
SOUND



[SS 34]