

Title (en)
ENCODER AND ENCODING METHOD FOR MULTICHANNEL SIGNAL, AND DECODER AND DECODING METHOD FOR MULTICHANNEL SIGNAL

Title (de)
CODIERER UND CODIERUNGSVERFAHREN FÜR MEHRKANALSIGNAL SOWIE DECODER UND DECODIERUNGSVERFAHREN FÜR MEHRKANALSIGNAL

Title (fr)
CODEUR ET PROCÉDÉ DE CODAGE POUR SIGNAL MULTICANAL, AINSI QUE DÉCODEUR ET PROCÉDÉ DE DÉCODAGE POUR SIGNAL MULTICANAL.

Publication
EP 3023984 A4 20170308 (EN)

Application
EP 14826617 A 20140715

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• KR 20130123416 A 20131016
• KR 2014006406 W 20140715

Abstract (en)
[origin: EP3023984A1] Disclosed are an encoder and encoding method for a multi-channel signal, and a decoder and decoding method for a multi-channel signal. The present invention may code a normal channel signal and a low-frequency effects (LFE) channel signal included in a multi-channel signal through a two-stage coding process or a one-stage coding process employing a time delay, thereby efficiently coding a multi-channel signal.

IPC 8 full level
G10L 19/008 (2013.01)

CPC (source: EP)
G10L 19/008 (2013.01)

Citation (search report)
• [X1] US 2005058304 A1 20050317 - BAUMGARTE FRANK [US], et al
• [A] US 2012093323 A1 20120419 - LEE YOUNG-WOO [KR], et al
• [A] KIM SUNMIN ET AL: "New 10.2-Channel Vertical Surround System (10.2-VSS); Comparison Study of Perceived Audio Quality in Various Multichannel Sound Systems with Height Loudspeakers", AES CONVENTION 129; NOVEMBER 2010, AES, 60 EAST 42ND STREET, ROOM 2520 NEW YORK 10165-2520, USA, 4 November 2010 (2010-11-04), XP040567266
• See references of WO 2015009040A1

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US2018035230A1; US10225675B2; US10638243B2

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EP 3023984 A1 20160525; EP 3023984 A4 20170308; KR 20150009474 A 20150126; WO 2015009040 A1 20150122

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EP 14826617 A 20140715; KR 2014006406 W 20140715; KR 20140089269 A 20140715