Title (en)

Device and method for creating an encoding stereo signal of an audio section or audio data stream

Title (de)

Vorrichtung und Verfahren zum Erzeugen eines codierten Stereo-Signals eines Audiostücks oder Audiodatenstroms

Title (fr)

Dispositif et procédé de production d'un signal stéréo codé d'un élément audio ou d'un courant de données audio

Publication

EP 2094031 A3 20141001 (DE)

Application

EP 09006142 A 20060222

Priority

- EP 06707184 A 20060222
- DE 102005010057 A 20050304

Abstract (en)

[origin: US2007297616A1] A device for generating an encoded stereo signal from a multi-channel representation includes a multi-channel decoder generating three of more multi-channels from at least one basic channel and parametric information. The three or more multi-channels are subjected to headphone signal processing to generate an uncoded first stereo channel and an uncoded second stereo channel which are then supplied to a stereo encoder to generate an encoded stereo file on the output side. The encoded stereo file may be supplied to any suitable player in the form of a CD player or a hardware player such that a user of the player does not only get a normal stereo impression but a multi-channel impression.

IPC 8 full level

H04S 3/00 (2006.01); **G10L 19/00** (2013.01)

CPC (source: EP KR NO US)

H04R 3/00 (2013.01 - KR); **H04R 5/00** (2013.01 - KR); **H04S 3/00** (2013.01 - KR); **H04S 3/004** (2013.01 - EP NO US); **H04S 5/00** (2013.01 - KR); H04S 2400/01 (2013.01 - EP NO US); H04S 2420/03 (2013.01 - EP NO US)

Citation (search report)

- [XI] FR 2851879 A1 20040903 - FRANCE TELECOM [FR]
- [L] EP 1854334 B1 20100317 - FRAUNHOFER GES FORSCHUNG [DE]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2007297616 A1 20071227; **US 8553895 B2 20131008**; AT E461591 T1 20100415; AU 2006222285 A1 20060914; AU 2006222285 B2 20090108; BR PI0608036 A2 20091103; BR PI0608036 B1 20190507; CA 2599969 A1 20060914; CA 2599969 C 20121002; CN 101133680 A 20080227; CN 101133680 B 20120808; DE 102005010057 A1 20060907; DE 502006006444 D1 20100429; EP 1854334 A1 20071114; EP 1854334 B1 20100317; EP 2094031 A2 20090826; EP 2094031 A3 20141001; ES 2340796 T3 20100609; HK 1111855 A1 20080815; IL 185452 A0 20080106; IL 185452 A 20110731; JP 2008532395 A 20080814; JP 4987736 B2 20120725; KR 100928311 B1 20091125; KR 20070100838 A 20071011; MX 2007010636 A 20071010; MY 140741 A 20100115; NO 20075004 L 20071003; NO 339958 B1 20170220; PL 1854334 T3 20100930; RU 2007136792 A 20090410; RU 2376726 C2 20091220; TW 200701823 A 20070101; TW I322630 B 20100321; WO 2006094635 A1 20060914

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US 84027307 A 20070817; AT 06707184 T 20060222; AU 2006222285 A 20060222; BR PI0608036 A 20060222; CA 2599969 A 20060222; CN 200680007035 A 20060222; DE 102005010057 A 20050304; DE 502006006444 T 20060222; EP 06707184 A 20060222; EP 09006142 A 20060222; EP 2006001622 W 20060222; ES 06707184 T 20060222; HK 08106174 A 20080603; IL 18545207 A 20070822; JP 2007557373 A 20060222; KR 20077020085 A 20060222; MX 2007010636 A 20060222; MY PI20060803 A 20060224; NO 20075004 A 20071003; PL 06707184 T 20060222; RU 2007136792 A 20060222; TW 95106978 A 20060302