

Title (en)
DEVICE AND METHOD FOR PROCESSING A MULTI-CHANNEL SIGNAL

Title (de)
VORRICHTUNG UND VERFAHREN ZUM VERARBEITEN EINES MULTIKANALSIGNALS

Title (fr)
DISPOSITIF ET PROCEDE POUR TRAITER UN SIGNAL MULTICANAL

Publication
EP 1697930 B1 20070613 (DE)

Application
EP 05715611 A 20050228

Priority
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Abstract (en)
[origin: US7340391B2] An apparatus for processing a multi-channel signal includes a means for determining a similarity between a first one of two channels and a second one of the two channels. Furthermore, a means for performing a prediction filtering of the spectral coefficients is provided, which is formed to perform a prediction filtering with only a single prediction filter for both channels in case of high similarity between the first and the second channel, and to perform a prediction filtering with two separate prediction filters in case of a dissimilarity between the first and the second channel. With this, an introduction of stereo artifacts and a deterioration of the coding gain in stereo coding techniques are avoided.

IPC 8 full level
G10L 19/008 (2013.01); **G10L 19/03** (2013.01)

CPC (source: BR EP KR NO US)
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WO 2005083678 A1 20050909; AT E364882 T1 20070715; AU 2005217517 A1 20050909; AU 2005217517 B2 20080626; BR PI0507207 A 20070612; BR PI0507207 A8 20180612; BR PI0507207 B1 20181226; CA 2558161 A1 20050909; CA 2558161 C 20100511; CN 1926608 A 20070307; CN 1926608 B 20100505; DE 102004009954 A1 20050929; DE 102004009954 B4 20051215; DE 502005000864 D1 20070726; DK 1697930 T3 20071008; EP 1697930 A1 20060906; EP 1697930 B1 20070613; ES 2286798 T3 20071201; HK 1095194 A1 20070427; IL 177213 A0 20061210; IL 177213 A 20111031; JP 2007525718 A 20070906; JP 4413257 B2 20100210; KR 100823097 B1 20080418; KR 20060121982 A 20061129; NO 20064431 L 20060929; NO 339114 B1 20161114; PT 1697930 E 20070925; RU 2006134641 A 20080410; RU 2332727 C2 20080827; US 2007033056 A1 20070208; US 7340391 B2 20080304

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