

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)  
**G10L 19/008** (2013.01 - BR EP KR NO US); **G10L 19/02** (2013.01 - KR); **G10L 19/03** (2013.01 - EP NO US); **G10L 19/03** (2013.01 - BR)

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