Title (en)
    PERSONALIZED DECODING OF MULTI-CHANNEL SURROUND SOUND

Title (de)
    PERSONALISERTE DEKODIERUNG VON MEHRKANAL-SURROUND-SOUND

Title (fr)
    DECODAGE PERSONNALISE DE SON D'AMBIANCE MULTICANAL

Publication
    EP 1969901 A2 20080917 (EN)

Application
    EP 07701092 A 20070105

Priority
    • SE 2007000006 W 20070105
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Abstract (en)
    [origin: WO2007078254A2] A parametric multi-channel surround audio bitstream is received in a multi-channel decoder (13). The received spatial parameters are in combining unit (37) transformed into a new set of spatial parameters that are used in order to obtain a decoding of the multi-channel surround sound that is not a simple equivalent of the original input multi-channel surround signal but e.g. may be personalized by making the transformation based on a representation of user head related filters obtained from a unit (43). Such personalized spatial parameters may also be obtained by combining the received spatial parameters and a representation of the user head related filters with a set of additional rendering parameters that for example are interactively determined by the user and thus are time dependent.

IPC 8 full level
    H04S 3/00 (2006.01); **G10L 19/00** (2006.01); **G10L 19/008** (2013.01)

CPC (source: EP)
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Citation (search report)
    See references of WO 2007078254A2

Designated contracting state (EPC)
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    SE 2007000006 W 20070105; BR PI0706285 A 20070105; CN 200780001908 A 20070105; EP 07701092 A 20070105; RU 2008132156 A 20070105