

Title (en)  
TRANSAURAL SYNTHESIS METHOD FOR SOUND SPATIALIZATION

Title (de)  
TRANSAURALES SYNTHESEVERFAHREN ZUR SCHALLSPATIALISIERUNG

Title (fr)  
PROCÉDÉ DE SYNTHÈSE TRANSAURALE POUR LA SPATIALISATION SONORE

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Application  
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Abstract (en)  
[origin: WO2013121136A1] The present invention relates to a method for producing a digital spatialized stereo audio file from an original multichannel audio file, characterized in that it comprises: a step of performing a processing on each of the channels for cross-talk cancelation; a step of merging the channels in order to produce a stereo signal; and a dynamic filtering and specific equalization step for increasing the sound dynamics.

IPC 8 full level  
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Citation (examination)  
• US 2002133327 A1 20020919 - MCGRATH DAVID STANLEY [AU]  
• JEUB M ET AL: "A binaural room impulse response database for the evaluation of dereverberation algorithms", DIGITAL SIGNAL PROCESSING, 2009 16TH INTERNATIONAL CONFERENCE ON, IEEE, PISCATAWAY, NJ, USA, 5 July 2009 (2009-07-05), pages 1 - 5, XP031510342, ISBN: 978-1-4244-3297-4

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JP 2015510348 A 20150402; JP 6421385 B2 20181114; KR 20140128412 A 20141105; RU 2014133066 A 20160410; RU 2639955 C2 20171225;  
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KR 20147024937 A 20130211; RU 2014133066 A 20130211