

Title (en)  
IMPROVED METHOD FOR ENCODING/DECODING A STEREO DIGITAL STREAM AND ASSOCIATED ENCODING/DECODING DEVICE

Title (de)  
VERBESSERTES VERFAHREN ZUR CODIERUNG/DECODIERUNG EINES DIGITALEN STEREOSTROMS UND ZUGEHÖRIGE CODIER-/  
DECODIERVORRICHTUNG

Title (fr)  
PROCEDE DE CODAGE/DECODAGE D'UN FLUX NUMERIQUE STEREO AMELIORE ET DISPOSITIF DE CODAGE/DECODAGE ASSOCIE

Publication  
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Application  
**EP 10801652 A 20101210**

Priority  
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• FR 2010052671 W 20101210

Abstract (en)  
[origin: WO2011086253A2] The invention relates substantially to a method for encoding and decoding a digital audio signal consisting of an original right-hand signal thereof (SDO) and an original left-hand signal thereof (SGO), characterized in that said method comprises the following steps: combining (3) the original right-hand signal thereof (SDO) and the original left-hand signal thereof (SGO) to obtain a single combined signal (SC), encoding the combined signal (SC) by means of a standard encoder (5) to obtain a compressed combined signal (SCC), decoding the compressed combined signal (SCC) by means of a standard decoder (8) to obtain a decompressed combined signal (SCD) and, after decoding, generating a reconstructed right-hand signal thereof (SDR) and a reconstructed left-hand signal thereof (SGR) from the decompressed combined signal (SCD), which are decorrelated from each other. The invention further relates to a treble-generating module (35), which enables the high-frequency component (SHF) of the right-hand (SDR) or left-hand (SGR) signals thereof to be recreated, which signals had been deleted as a result of compression.

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