

Title (en)
Multi-channel audio treatment system and method

Title (de)
Multikanal-Audioverarbeitungssystem und -verfahren

Title (fr)
Système et procédé de traitement audio multi-canal

Publication
EP 2046076 B1 20100303 (EN)

Application
EP 07291210 A 20071004

Priority
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Abstract (en)
[origin: EP2046076A1] A multi-channel audio treatment method ensuring compatibility of a multi-channel signal and a stereo signal, comprising
- producing a left-hand downmix channel dwnMxL(t) and a right-hand downmix channel dwnMxR(t); - producing a left-hand difference channel deltaL(t), said left-hand difference channel being the difference between the left-hand channel of the stereo signal eStL(t) and the left-hand downmix channel dwnMxL(t); - producing a right-hand difference channel deltaR(t), said right-hand difference channel being the difference between the right-hand channel of the stereo signal eStR(t) and the right-hand downmix channel dwnMxR(t); - adding the right hand difference channel deltaR(t) and the left hand difference channel deltaL(t) into the multi-channel signal.

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