Title (en)

Apparatus and method for synthesizing three output channels using two input channels

Title (de)

Vorrichtung und Verfahren zum Synthetisieren von drei Ausgangskanälen unter Verwendung von zwei Eingangskanälen

Title (fr)

Appareil et procédé destinés à synthétiser trois canaux de sortie au moyen de deux canaux d'entrée

Publication

EP 1964442 A1 20080903 (EN)

Application

EP 05822900 A 20051220

Priority

EP 2005013738 W 20051220

Abstract (en)

[origin: WO2007071270A1] For synthesizing at least three output channels using two stereo input channels, the stereo input channels are analyzed (15) to detect signal components occurring in both input channels. A signal generator (16) is operative to introduce at least a part of the detected signal components into the second channel (12b) associated with a second speaker in an intended speaker scheme, which is positioned between a first and a third speaker in the speaker scheme. When, however, feeding of the complete detected signal components would result in a clipping situation, then only a part of the detected signal components is fed into the second channel as a real center channel and the remainder is located in the first and third channels as a phantom center channel.

IPC 8 full level

H04S 3/00 (2006.01); **H04S 5/00** (2006.01)

CPC (source: EP KR NO)

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