

Title (en)

APPARATUS AND METHOD FOR DOWNMIXING MULTICHANNEL AUDIO SIGNALS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ABWÄRTSMISCHUNG VON MEHRKANAL-AUDIOSIGNALEN

Title (fr)

APPAREIL ET PROCÉDÉ DE SOUS-MIXAGE DE SIGNAUX AUDIO MULTICANAUX

Publication

EP 3583786 A1 20191225 (EN)

Application

EP 18754857 A 20180216

Priority

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- US 2018000075 W 20180216

Abstract (en)

[origin: WO2018151858A1] A method for processing a multi-channel input audio signal is performed at a computing device. The method includes the following steps: selecting, from the multi-channel input audio signal, a left input channel and a right input channel, wherein the left input channel and the right input channel correspond to a pair of spatially symmetrical signal sources; generating one or more cross-channel features from the left input channel and the right input channel; processing, in accordance with the cross-channel features, the left input channel and the right input channel to generate a left intermediate channel and a right intermediate channel; and combining each of the left intermediate channel and the right intermediate channel with a third input channel of the multi-channel input audio signal to form a two-channel output audio signal.

IPC 8 full level

H04S 3/00 (2006.01); **G10L 19/008** (2013.01)

CPC (source: EP KR)

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BA ME

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