Title (en)

AUDIO SIGNAL PROCESSING METHOD, AUDIO ENCODING APPARATUS, AUDIO DECODING APPARATUS, AND TERMINAL ADOPTING THE SAME

Title (de)

VERFAHREN ZUR AUDIOSIGNALVERARBEITUNG, AUDIOKODIERUNGSVORRICHTUNG, AUDIODEKODIERUNGSVORRICHTUNG UND ENDGERÄT DAFÜR

Title (fr)

PROCÉDÉ DE TRAITEMENT DE SIGNAUX AUDIO, APPAREIL DE CODAGE AUDIO, APPAREIL DE DÉCODAGE AUDIO ET TERMINAL UTILISANT LEDIT PROCÉDÉ

Publication

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Application

EP 12797100 A 20120607

Priority

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Abstract (en)

An audio signal processing method includes: when a first plurality of input channels are down-mixed to a second plurality of output channels, comparing locations of the first plurality of input channels with locations of the second plurality of output channels; down-mixing channels of the first plurality of input channels, which have the same locations as those of the second plurality of output channels, to channels at the same locations among the second plurality of output channels; searching for at least one adjacent channel for each of the remaining channels among the first plurality of input channels; determining a weighting factor for the searched adjacent channel in consideration of at least one of a distance between channels, a correlation between signals, and an error during restoration; and down-mixing each of the remaining channels among the first plurality of input channels to the adjacent channel based on the determined weighting factor.

IPC 8 full level

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CPC (source: EP KR)

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