

Title (en)

ESTIMATING AN OPTIMIZED MASK FOR PROCESSING ACQUIRED SOUND DATA

Title (de)

SCHÄTZUNG EINER OPTIMISIERTEN MASKE ZUR VERARBEITUNG VON ERFASSTEN TONDATEN

Title (fr)

ESTIMATION D'UN MASQUE OPTIMISE POUR LE TRAITEMENT DE DONNEES SONORES ACQUISES

Publication

EP 4315328 A1 20240207 (FR)

Application

EP 22714494 A 20220318

Priority

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- FR 2022050495 W 20220318

Abstract (en)

[origin: WO2022207994A1] The present description relates to processing sound data acquired by a plurality of microphones (MIC), in which: - on the basis of the signals acquired by the plurality of microphones, determining a direction of arrival of a sound originating from at least one sound source of interest (S4); - applying spatial filtering to the sound data as a function of the direction of arrival of the sound (S5); - estimating in the time-frequency domain ratios of a quantity representative of a signal amplitude, between the filtered sound data on the one hand and the acquired sound data on the other hand (S6); - as a function of the estimated ratios, producing a weight mask to be applied in the time-frequency domain to the acquired sound data (S7) with a view to constructing a sound signal representing the sound originating from the source of interest but boosted with respect to ambient noise (S10; S9- S10).

IPC 8 full level

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CPC (source: EP US)

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