

Title (en)

AUDIO DEVICE WITH A PLURALITY OF ATTENUATORS

Title (de)

AUDIOVORRICHTUNG MIT MEHREREN DÄMPFUNGSGLIEDERN

Title (fr)

DISPOSITIF AUDIO COMPOSÉ D'UNE PLURALITÉ D'ATTÉNUATEURS

Publication

EP 4156183 A1 20230329 (EN)

Application

EP 21199648 A 20210928

Priority

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Abstract (en)

An audio device comprising an interface, memory, and a processor is disclosed, wherein the processor is configured to: obtain a first microphone input signal and a second microphone input signal; process the first microphone input signal and the second microphone input signal for provision of an output audio signal; and output the output audio signal; wherein to process the first microphone input signal and the second microphone input signal comprises to: determine a primary gain with a primary attenuator based on one or more features associated with the first microphone input signal and the second microphone input signal; determine a secondary gain with a secondary attenuator based on one or more features associated with the first microphone input signal and the second microphone input signal; determine a noise suppression scheme based on the primary gain and the secondary gain; and apply the noise suppression scheme to a first beamforming output signal for provision of the output audio signal.

IPC 8 full level

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CPC (source: EP)

G10L 21/0208 (2013.01); **G10L 2021/02166** (2013.01); **H04R 3/005** (2013.01); **H04R 2430/20** (2013.01)

Citation (search report)

- [X1] US 2012140946 A1 20120607 - YEN KUAN-CHIEH [US], et al
- [X1] WO 2013030345 A2 20130307 - GN NETCOM AS [DK], et al

Designated contracting state (EPC)

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