

Title (en)

Adaptive feedback cancellation based on inserted and/or intrinsic signal characteristics and matched retrieval

Title (de)

Verfahren zur adaptiven Rückkopplungsunterdrückung und Vorrichtung dafür

Title (fr)

Procédé de suppression adaptative de couplage acoustique et dispositif correspondant

Publication

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Application

EP 13164634 A 20100326

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10157933 20100326 EP

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Abstract (en)

The object of the present invention is to provide an alternative scheme for minimizing feedback in audio processing systems. The audio processing system comprises an enhancement unit for estimating noise-like signal components in the electric signal of a forward path and providing a noise signal estimate output, based on filtering by an adaptive noise retrieval filter E of a signal y c from another microphone (e.g. of a contra-lateral listening device), and wherein a feedback path estimation unit is adapted to use the noise signal estimate output in the estimation of an acoustic feedback transfer function.

IPC 8 full level

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