

Title (en)

METHOD AND DEVICE FOR RECEIVING AND TREATING AUDIOSIGNALS IN SURROUNDINGS AFFECTED BY NOISE

Title (de)

VERFAHREN UND EINRICHTUNG ZUM AUFNEHMEN UND BEARBEITEN VON AUDIOSIGNALEN IN EINER STÖRSCHALLERFÜLLTEN UMGEBUNG

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT DE RECEVOIR ET DE TRAITER DES SIGNAUX AUDIO DANS UN ENVIRONNEMENT PERTURBE PAR DES BRUITS PARASITES

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Application

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Abstract (en)

[origin: WO0057671A2] The aim of the invention is to receive and treat audiosignals with a good user signal to fault signal ratio in noise conditions and with a good ratio between the direct and the reflected echo in surroundings which are especially not free from reverberation. Electrical signals are produced by converting recorded audiosignals. Said electrical signals are treated by a given microphone assembly in such a way that electrical signals having different strengths (different sensitivities of the microphones) and being produced by the microphones are compensated automatically, i.e. without manual and individual compensation procedures which have to be carried out separately, when the sound pressure levels of the microphones pertaining to the microphone assembly are equal. According to the invention, the properties of an array of microphones are combined to the properties of a method for compensating the sensitivity of microphones.

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