

Title (en)

METHOD AND DEVICE FOR COMPARING SIGNALS TO CONTROL TRANSDUCERS AND TRANSDUCER CONTROL SYSTEM

Title (de)

VERFAHREN UND ANORDNUNG ZUM SIGNALENVERGLEICH ZUR WANDLERSTEUERUNG UND WANDLERSTEUERUNGSSYSTEM

Title (fr)

PROCEDE ET DISPOSITIF DE COMPARAISON DE SIGNAUX POUR LE CONTROLE DE TRANSDUCTEURS ET SYSTEME DE CONTROLE DE TRANSDUCTEURS

Publication

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Abstract (en)

[origin: US7804963B2] A method of comparison between pieces of information characterizing reference values and pieces of information characterizing current values of sound-reproducing systems of a system of (n) microphones m_i and (p) speakers h_{pj} for the control of said sound-reproducing systems characterized in that: A: for each speaker h_{pj} , at least one sound signal S is sent on the speaker h_{pj} , for each microphone m_i , a piece of information h_{pjmi} is retrieved, this piece of information characterizing the sound-reproducing system comprising the speaker h_{pj} and the microphone m_i , B: a reference matrix Q_r is saved, this reference matrix being constituted by all the pieces of reference information h_{pjmi} obtained following the sending of the sound signal S, C: as soon as a comparison is to be made, the step A is run with a sound signal S' to obtain current information on a matrix Q, D: the matrices Q and Q_r are compared.

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