

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

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Abstract (en)

[origin: WO0162044A1] The invention concerns a method for comparing data characterising reference values and data characterising current values of sound-reproducing systems in a system of (n) microphones m_i and (p) speakers h_{pj} to control said sound-reproducing systems. The method comprises steps which consist in: (A) for each speaker h_{pj} , sending at least a sound signal S over the speaker h_{pj} ; recovering for each microphone m_i an information recorded $h_{pj}m_i$ characterising the sound-reproducing system including the speaker h_{pj} and the microphone m_i ; (B) saving a reference matrix Q_r consisting of the set of reference data $h_{pj}m_i$ obtained in response to sending the sound signal S; (C) when it is desired to establish a comparison, executing step A with a sound signal S' to obtain current data from a matrix Q; (D) comparing matrices Q and Q_r .

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