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

EP 1258168 B1 20110413 (FR)

Application

EP 01907816 A 20010215

Priority
• FR 0100457 W 20010215
• FR 0001976 A 20000217

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 mi and (p) speakers hpj for the control of said sound-reproducing systems characterized in that: A: for each speaker hpj, at least one sound signal S is sent on the speaker hpj, for each microphone mi, a piece of information hpjmi is retrieved, this piece of information characterizing the sound-reproducing system comprising the speaker hpj and the microphone mi, B: a reference matrix Qr is saved, this reference matrix being constituted by all the pieces of reference information hpjmi 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 Qr are compared.

IPC 8 full level

H04R 3/12 (2006.01); **H04R 27/00** (2006.01); **H04R 3/00** (2006.01); **H04R 3/02** (2006.01); **H04R 29/00** (2006.01); **H04S 7/00** (2006.01)

CPC (source: EP US)

H04R 27/00 (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0162044 A1 20010823; AT E505911 T1 20110415; AU 3569201 A 20010827; DE 60144420 D1 20110526; EP 1258168 A1 20021120; EP 1258168 B1 20110413; FR 2805433 A1 20010824; JP 2003523674 A 20030805; JP 4691304 B2 20110601; US 2003108208 A1 20030612; US 2007286430 A1 20071213; US 7804963 B2 20100928

DOCDB simple family (application)

FR 0100457 W 20010215; AT 01907816 T 20010215; AU 3569201 A 20010215; DE 60144420 T 20010215; EP 01907816 A 20010215; FR 0001976 A 20000217; JP 2001560172 A 20010215; US 20385602 A 20021223; US 75556307 A 20070530