Title (en)

Automatic adjustment of a directional microphone system with at least three microphones

Title (de)

Automatischer Mikrofonabgleich bei einem Richtmikrofonsystem mit wenigstens drei Mikrofonen

Title (fr)

Réglage automatique d'un système de microphone directionnel avec au moins trois microphones

Publication

EP 1465453 A3 20091216 (DE)

Application

EP 04004215 A 20040225

Priority

DE 10310579 A 20030311

Abstract (en)

[origin: EP1465453A2] The microphone compensation method uses amplitude equalization of the microphone signals provided by the omnidirectional microphones (21,22,23) of the directional microphone system and amplitude equalization of the microphone signals provided by the directional microphones of the first order provided by connection of at least 2 omnidirectional microphones. Also included are Independent claims for the following: (a) a directional microphone system with at least 3 omnidirectional microphones; (b) a directional microphone system within a hearing aid.

IPC 8 full level

H04R 1/40 (2006.01); **H04R 25/00** (2006.01); **H04R 29/00** (2006.01)

CPC (source: EP US)

H04R 25/356 (2013.01 - EP US); **H04R 25/407** (2013.01 - EP US); **H04R 29/006** (2013.01 - EP US)

Citation (search report)

- [DA] WO 0076268 A2 20001214 - SIEMENS AUDIOLOGISCHE TECHNIK [DE], et al
- [A] EP 0942627 A2 19990915 - SIEMENS AUDIOLOGISCHE TECHNIK [DE]
- [A] US 5463694 A 19951031 - BRADLEY WAYNE H [US], et al

Cited by

EP1916872A3; EP2169984A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Designated extension state (EPC)

AL LT LV MK

DOCDB simple family (publication)

EP 1465453 A2 20041006; **EP 1465453 A3 20091216**; **EP 1465453 B1 20110126**; DE 10310579 A1 20040923; DE 10310579 B4 20050616; DE 502004012137 D1 20110310; DK 1465453 T3 20110516; US 2004240683 A1 20041202; US 7474755 B2 20090106

DOCDB simple family (application)

EP 04004215 A 20040225; DE 10310579 A 20030311; DE 502004012137 T 20040225; DK 04004215 T 20040225; US 79818004 A 20040311