

Title (en)

Method for suppressing at least one acoustic noise signal and apparatus for carrying out the method

Title (de)

Verfahren zur Unterdrückung mindestens eines akustischen Störsignals und Vorrichtung zur Durchführung des Verfahrens

Title (fr)

Procédé de suppression d'au moins un signal de bruit acoustique et dispositif de mise en oeuvre d'un tel procédé

Publication

EP 1473967 A3 20110608 (DE)

Application

EP 04005338 A 20040305

Priority

DE 10313330 A 20030325

Abstract (en)

[origin: EP1473967A2] The method involves producing a number of directional microphone signals (RMS1,RMS2) by weighted combination of signals from at least two microphones (M1,...M5), the weighting defining a respective direction-dependent sensitivity of the direction microphone system (RSM, RMS1, RMS2). The directional microphone signals are normalized to an equal sensitivity in a direction range. The directional microphone signal having the lowest interference signal content is selected as the output directional microphone signal (ARMS,ARMS1,ARMS2). An independent claim is included for an apparatus for carrying out the method.

IPC 8 full level

H04R 25/00 (2006.01); **H04R 3/00** (2006.01); **H04R 29/00** (2006.01)

CPC (source: EP US)

H04R 3/005 (2013.01 - EP US); **H04R 29/006** (2013.01 - EP US); **H04R 25/407** (2013.01 - EP US); **H04R 2430/03** (2013.01 - EP US)

Citation (search report)

- [A] WO 0228140 A2 20020404 - KNOWLES ELECTRONICS LLC [US]
- [A] WO 0019770 A1 20000406 - SIEMENS AUDIOLOGISCHE TECHNIK [DE], et al

Cited by

EP1748678A3

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 PL PT RO SE SI SK TR

Designated extension state (EPC)

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DOCDB simple family (publication)

EP 1473967 A2 20041103; **EP 1473967 A3 20110608**; **EP 1473967 B1 20120118**; AU 2004201260 A1 20041014; AU 2004201260 B2 20060608; DE 10313330 A1 20041021; DE 10313330 B4 20050414; DK 1473967 T3 20120514; US 2004240682 A1 20041202; US 6950528 B2 20050927

DOCDB simple family (application)

EP 04005338 A 20040305; AU 2004201260 A 20040325; DE 10313330 A 20030325; DK 04005338 T 20040305; US 80975104 A 20040325