Title (en)
METHOD AND SYSTEM FOR ACTIVELY INFLUENCING NOISE, AND USE IN A MOTOR VEHICLE

Title (de)
VERFAHREN UND SYSTEM ZUR AKTIVEN GERÄUSCHBEEINFLUSSUNG, VERWENDUNG IN EINEM KRAFTFAHRZEUG

Title (fr)
PROCEDE ET SYSTEME D'INFLUENCE ACTIVE SUR LE BRUIT ET LEUR UTILISATION DANS UN VEHICULE AUTOMOBILE

Publication
EP 1964107 B1 20161123 (DE)

Application
EP 06763865 A 20060623

Priority
- EP 2006063514 W 20060623
- DE 102005060064 A 20051215

Abstract (en)
[origin: WO2007071458A1] Method for improving the perceived acoustics of an area, comprising the following method steps: recording at least one sound signal using a recording means in the vicinity of at least one sound source in the area; carrying out a respective convolution operation on the recorded sound signal with a respective pulse response function for generating different optimized sound signals, with the respective pulse response function being selected from a range of prespecified pulse response functions for the area; playing-back the optimized sound signals using sound play-back means which are arranged in the area, with a different optimized sound signal being supplied to each sound play-back means, and with the optimized sound signals in each case being supplied to the sound play-back means after a changeover time interval in such a way that the same optimized sound signal is not supplied to any of the play-back means in immediately successive changeover time intervals.

IPC 8 full level
G10K 11/178 (2006.01)

CPC (source: EP KR US)
G10K 11/178 (2013.01 - KR); **G10K 11/17823** (2017.12 - EP US); **G10K 11/17883** (2017.12 - EP US); G10K 2210/128 (2013.01 - EP KR US)

Citation (examination)
- WO 2005027338 A2 20050324 - SILENTIUM LTD [IL], et al
- US 2004086135 A1 20040506 - VAISHYA MANISH [US]
- US 2002168071 A1 20021114 - DALY PAUL D [US]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102005060064 A1 20070621; EP 1964107 A1 20080903; EP 1964107 B1 20161123; JP 2009519165 A 20090514; JP 5162469 B2 20130313; KR 101027870 B1 20110407; KR 20080091438 A 20081013; US 2009205903 A1 20090820; US 8270628 B2 20120918; WO 2007071458 A1 20070628

DOCDB simple family (application)
DE 102005060064 A 20051215; EP 06763865 A 20060623; EP 2006063514 W 20060623; JP 2008544899 A 20060623; KR 20087015942 A 20060623; US 9771506 A 20060623