

Title (en)
Loudspeaker unit

Title (de)
Lautsprechereinheit

Title (fr)
Unité de haut-parleur

Publication
EP 2200335 A1 20100623 (DE)

Application
EP 09014935 A 20091202

Priority
DE 102008063245 A 20081216

Abstract (en)
The unit (1) has a housing base body (2) provided with an inner area, and an exciter system (3) arranged in the inner area for producing a mechanical impulse on a diaphragm (20). The inner area is closed in a splash-water impermeable manner. The housing base body is designed as a single-piece with a free running wall. A surface of the housing base body is designed in a water-rejecting manner. The housing base body exhibits an access opening, which is closed in a splash-water impermeable manner by a covering element. A signal generator is arranged on a printed circuit board.

Abstract (de)
Die Erfindung betrifft eine Lautsprechereinheit umfassend mindestens einen Gehäusegrundkörper (2, 2a, 2b, 2c) mit einem Innenraum und mindestens ein in dem Innenraum angeordnetes Erregersystem (3) zum Erzeugen eines mechanischen Impulses auf eine Membran (20, 35), wobei der Innenraum spritzwasserdicht verschlossen ist.

IPC 8 full level
H04R 1/02 (2006.01); **H04R 1/44** (2006.01); **H04R 7/04** (2006.01)

CPC (source: EP)
H04R 1/02 (2013.01); **H04R 1/028** (2013.01); **H04R 1/44** (2013.01); **H04R 7/045** (2013.01)

Citation (search report)
• [YD] WO 2008077535 A1 20080703 - XOUNTS AG [CH], et al
• [XYI] DE 19943874 A1 20010719 - BROSE FAHRZEUGTEILE [DE]
• [X] DE 102006058736 B3 20080131 - MCI GMBH & CO KG [DE]
• [XI] DE 202004018797 U1 20050303 - TRAUTWEIN GMBH [DE]
• [X] DE 874457 C 19530423 - TELEFUNKEN GMBH
• [A] DE 3933044 A1 19900412 - DZ LICHT AUSSENLEUCHTEN GMBH & [DE]
• [XPI] DE 102008013612 A1 20091008 - SIEMENS AG [DE]
• [XP] DE 102007034161 A1 20090129 - SIEMENS AG [DE]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2200335 A1 20100623; DE 102008063245 A1 20100617; EP 2366254 A1 20110921; EP 2366254 B1 20170726;
WO 2010072308 A1 20100701

DOCDB simple family (application)
EP 09014935 A 20091202; DE 102008063245 A 20081216; EP 09760779 A 20091202; EP 2009008568 W 20091202