

Title (en)  
Ring membrane compression driver

Title (de)  
Ringmembran-Kompressionstreiber

Title (fr)  
Actuateur à compression avec membrane annulaire

Publication  
**EP 2640089 B1 20171011 (DE)**

Application  
**EP 13158627 A 20130311**

Priority  
DE 102012102207 A 20120315

Abstract (en)  
[origin: EP2640089A2] The annular membrane-compression driver (1) has an annular membrane (9) which carries an oscillating coil, and a compression driver housing (2), where a central sound guide body (13) is arranged in a collecting chamber (11) and a sound conduct channel (12) with a section exchanged from an annular cross-section in a line-shaped cross-section adjusted to the slot-shaped sound outlet end (15) of the sound conduct channel. The sound conduct channel is formed between the sound guide body and a peripheral wall of a sound wave-guiding element (14).

IPC 8 full level  
**H04R 1/32** (2006.01); **H04R 9/02** (2006.01); **H04R 1/30** (2006.01)

CPC (source: EP US)  
**H04R 1/30** (2013.01 - EP US); **H04R 1/323** (2013.01 - US); **H04R 2400/13** (2013.01 - EP US)

Cited by  
CN111800681A; US10038954B2; WO2018038825A1; US10327068B2; WO2024153833A1; US10271131B2; US10531184B2; EP3644623A1; US11343608B2; EP3840400A1; IT201900024799A1; US11336993B2

Designated contracting state (EPC)  
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2640089 A2 20130918; EP 2640089 A3 20150930; EP 2640089 B1 20171011**; CN 103369438 A 20131023; CN 103369438 B 20180227; DE 102012102207 B3 20130829; US 2013243232 A1 20130919; US 9008343 B2 20150414

DOCDB simple family (application)  
**EP 13158627 A 20130311**; CN 201310221842 A 20130315; DE 102012102207 A 20120315; US 201313799453 A 20130313