

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)
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EP 13158627 A 20130311; CN 201310221842 A 20130315; DE 102012102207 A 20120315; US 201313799453 A 20130313