

Title (en)

LINEAR COMPRESSOR AND DRIVE UNIT THEREFOR

Title (de)

LINEARVERDICHTER UND ANTRIEBSAGGREGAT DAFÜR

Title (fr)

COMPRESSEUR LINÉAIRE ET GROUPE D'ENTRAÎNEMENT POUR CELUI-CI

Publication

**EP 2212556 B1 20120229 (DE)**

Application

**EP 08852620 A 20081021**

Priority

- EP 2008064194 W 20081021
- DE 102007055166 A 20071119

Abstract (en)

[origin: WO2009065684A1] The invention relates to a drive unit for a linear compressor, comprising a rack (1, 9), an oscillating body (5), and a membrane spring (6, 7), which is attached to a first attachment point on the rack (1) and to a second attachment point on the oscillating body (5) in order to guide the oscillating body (5) on the rack (1, 9) back and forth in a movable manner. The membrane spring (6, 7) has a smaller cross-section in the center region (25) between the two attachment points, than at the attachment points.

IPC 8 full level

**F04B 35/04** (2006.01)

CPC (source: EP)

**F04B 35/045** (2013.01)

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

**DE 102007055166 A1 20090520**; AT E547628 T1 20120315; EP 2212556 A1 20100804; EP 2212556 B1 20120229; ES 2380647 T3 20120517; WO 2009065684 A1 20090528

DOCDB simple family (application)

**DE 102007055166 A 20071119**; AT 08852620 T 20081021; EP 08852620 A 20081021; EP 2008064194 W 20081021; ES 08852620 T 20081021