

Title (en)

LINEAR COMPRESSOR AND CORRESPONDING DRIVE UNIT

Title (de)

LINEARVERDICHTER UND ANTRIEBSAGGREGAT DAFÜR

Title (fr)

COMPRESSEUR LINEAIRE ET UNITE D'ENTRAINEMENT POUR LEDIT COMPRESSEUR

Publication

**EP 1831558 B1 20110622 (DE)**

Application

**EP 05817429 A 20051130**

Priority

- EP 2005056359 W 20051130
- DE 102004062301 A 20041223

Abstract (en)

[origin: US2008008607A1] A drive unit for a linear compressor comprising a frame and an oscillating body. The oscillating body is mounted in the frame via at least one diaphragm spring and can be moved back and forth in one direction. The diaphragm spring comprises a plurality of limbs, fastened with one end to the frame and with the other end to the oscillating body, which are associated with respective readjusting springs that counteract a deformation of the arm.

IPC 8 full level

**F04B 35/04** (2006.01)

CPC (source: EP US)

**F04B 35/045** (2013.01 - EP US)

Designated contracting state (EPC)

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DOCDB simple family (publication)

**WO 2006069885 A1 20060706**; AT E513993 T1 20110715; CN 100476204 C 20090408; CN 101087953 A 20071212; DE 102004062301 A1 20060713; EP 1831558 A1 20070912; EP 1831558 B1 20110622; ES 2366195 T3 20111018; RU 2007121334 A 20090127; RU 2386052 C2 20100410; US 2008008607 A1 20080110

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