

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 A1 20070912 (DE)

Application
EP 05817429 A 20051130

Priority
• EP 2005056359 W 20051130
• DE 102004062301 A 20041223

Abstract (en)
[origin: WO2006069885A1] A drive unit for a linear compressor comprises a frame (21, 29, 30) and an oscillating body (24, 10). Said oscillating body is mounted in the frame (21, 29, 30) via at least one diaphragm spring (8) and can be moved back and forth in one direction. The diaphragm spring (8) comprises a plurality of limbs (14), fastened with one end to the frame (21, 29, 30) and with the other end to the oscillating body (24), which are associated with respective readjusting springs (31) that counteract a deformation of the arm (14).

IPC 8 full level
F04B 35/04 (2006.01)

CPC (source: EP US)
F04B 35/045 (2013.01 - EP US)

Citation (search report)
See references of WO 2006069885A1

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DE 102004062301 A1 20060713; EP 1831558 A1 20070912; EP 1831558 B1 20110622; ES 2366195 T3 20111018; RU 2007121334 A 20090127;
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