

Title (en)

Linear compressor

Title (de)

Verdichter mit Linearantrieb

Title (fr)

Compresseur linéaire

Publication

EP 1686264 B1 20080206 (EN)

Application

EP 05026866 A 20051208

Priority

KR 20050001817 A 20050107

Abstract (en)

[origin: EP1686264A1] Disclosed herein is a linear compressor wherein a vibration absorbing unit is mounted at the outside of a compressor shell, whereby the number of elements inside the shell is reduced, resulting in a reduced compressor size. Also, the vibration absorbing unit is enclosed by a protective cover to be protected from exterior shock or impurities, whereby damage or malfunction of elements is prevented, achieving improved durability and reliability of the compressor.

IPC 8 full level

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CPC (source: EP KR US)

F04B 35/045 (2013.01 - EP KR US); **F04B 39/0033** (2013.01 - EP KR US); **F04B 39/0044** (2013.01 - EP KR US); **F04B 39/06** (2013.01 - KR); **F04B 39/121** (2013.01 - EP KR US)

Cited by

US8360749B2; US8678788B2; WO2009076734A1; WO2009054635A3; WO2013010237A1

Designated contracting state (EPC)

DE FR NL

DOCDB simple family (publication)

EP 1686264 A1 20060802; **EP 1686264 B1 20080206**; CN 100445556 C 20081224; CN 1800640 A 20060712; DE 602005004644 D1 20080320; DE 602005004644 T2 20090129; JP 2006189038 A 20060720; JP 4890841 B2 20120307; KR 100680205 B1 20070208; KR 20060081481 A 20060713; US 2006153712 A1 20060713

DOCDB simple family (application)

EP 05026866 A 20051208; CN 200510136964 A 20051216; DE 602005004644 T 20051208; JP 2005341794 A 20051128; KR 20050001817 A 20050107; US 28739805 A 20051128