

Title (en)

Linear compressor

Title (de)

Verdichter mit Linearantrieb

Title (fr)

Compresseur linéaire

Publication

EP 1686264 A1 20060802 (EN)

Application

EP 05026866 A 20051208

Priority

KR 20050001817 A 20050107

Abstract (en)

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

F04B 35/04 (2006.01); **F04B 39/00** (2006.01); **F04B 39/12** (2006.01)

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 39/121 (2013.01 - EP KR US); **F16F 15/02** (2013.01 - KR); **F16F 15/04** (2013.01 - KR); **F16F 15/073** (2013.01 - KR);
F05B 2260/964 (2013.01 - KR); **F16F 2230/22** (2013.01 - KR); **F16F 2238/022** (2013.01 - KR); **Y10S 417/902** (2013.01 - KR)

Citation (search report)

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Designated contracting state (EPC)

DE FR NL

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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)

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KR 20050001817 A 20050107; US 28739805 A 20051128