

Title (en)

LINEAR DRIVE AND LINEAR COMPRESSOR

Title (de)

LINEARANTRIEB UND LINEARVERDICHTER

Title (fr)

ENTRAÎNEMENT LINÉAIRE ET COMPRESSEUR LINÉAIRE

Publication

EP 2084808 A1 20090805 (DE)

Application

EP 07821439 A 20071017

Priority

- EP 2007061074 W 20071017
- DE 102006049401 A 20061019

Abstract (en)

[origin: WO2008046849A1] A reversing linear drive comprises at least one excitation coil (8) that can be applied with current for generating an alternating magnetic field, a magnetic armature (10) movable in the alternating field between a first and a second reversing point, a magnetic field sensor (21, 22) exposed to a magnetic field of the armature (10), and a control circuit (9) for controlling an excitation current fed into the excitation coil (8) by means of a magnetic field strength detected by the magnetic field sensor (21, 22).

IPC 8 full level

H02K 33/02 (2006.01); **H02K 11/00** (2006.01)

CPC (source: EP)

G01D 5/145 (2013.01); **H02K 33/16** (2013.01); **H02K 29/08** (2013.01)

Citation (search report)

See references of WO 2008046849A1

Cited by

EP3991284A4; US11923744B2

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