

Title (en)
ELECTROMAGNETIC LINEAR DRIVE

Title (de)
ELEKTROMAGNETISCHER LINEARANTRIEB

Title (fr)
MOTORISATION LINEAIRE ELECTROMAGNETIQUE

Publication
EP 1704574 A1 20060927 (DE)

Application
EP 05706672 A 20050107

Priority
• DE 2005000033 W 20050107
• DE 102004002528 A 20040112

Abstract (en)
[origin: WO2005066982A1] An electromagnetic linear drive comprises a stator (2) and an armature (7). A relative movement between the stator (2) and the armature (7) can be effected. An air gap (9, 9a, 9b) is formed between a surface of the armature (7) and of the stator (2) at least during a relative movement. The air gap (9, 9a, 9b) is slanted with regard to the direction of the relative movement.

IPC 8 full level
H01F 7/16 (2006.01); **H01F 3/14** (2006.01); **H01F 7/08** (2006.01); **H01F 7/122** (2006.01)

CPC (source: EP US)
H01F 3/14 (2013.01 - EP US); **H01F 7/1607** (2013.01 - EP US); **H01F 7/1615** (2013.01 - EP US); **H01F 2007/086** (2013.01 - EP US)

Citation (search report)
See references of WO 2005066982A1

Designated contracting state (EPC)
CH DE FR IT LI SE

DOCDB simple family (publication)
WO 2005066982 A1 20050721; CN 1910708 A 20070207; CN 1910708 B 20110914; DE 102004002528 A1 20050804;
EP 1704574 A1 20060927; US 2008136266 A1 20080612; US 7626288 B2 20091201

DOCDB simple family (application)
DE 2005000033 W 20050107; CN 200580002312 A 20050107; DE 102004002528 A 20040112; EP 05706672 A 20050107;
US 58574605 A 20050107