

Title (en)
LINEAR MAGNETIC DRIVE

Title (de)
MAGNETISCHER LINEARANTRIEB

Title (fr)
ENTRAINEMENT LINEAIRE MAGNETIQUE

Publication
EP 1597743 B1 20061004 (DE)

Application
EP 04705378 A 20040127

Priority
• DE 2004000159 W 20040127
• DE 10309697 A 20030226

Abstract (en)
[origin: WO2004077477A1] The invention relates to a linear magnetic drive (1) consisting of an iron core (3) and a coil (11). A yoke (10) and a constant magnet (8) are connected to a movable armature (7). When the armature is placed in a first terminal position, it is supported by magnetic forces produced by the constant magnet (8) and the yoke (10) which is used as a bridge in the iron bore.

IPC 8 full level
H01H 33/66 (2006.01); **H01H 33/666** (2006.01); **H01H 51/22** (2006.01)

CPC (source: EP US)
H01H 33/6662 (2013.01 - EP US); **H01H 51/2227** (2013.01 - EP US)

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

DOCDB simple family (publication)
DE 10309697 B3 20040902; CN 100369173 C 20080213; CN 1754241 A 20060329; DE 502004001671 D1 20061116;
EP 1597743 A1 20051123; EP 1597743 B1 20061004; JP 2006520517 A 20060907; US 2006139135 A1 20060629; US 7482902 B2 20090127;
WO 2004077477 A1 20040910

DOCDB simple family (application)
DE 10309697 A 20030226; CN 200480005411 A 20040127; DE 2004000159 W 20040127; DE 502004001671 T 20040127;
EP 04705378 A 20040127; JP 2006501483 A 20040127; US 54675905 A 20050825