

Title (en)
Solenoid

Title (de)
Hubmagnet

Title (fr)
Electroaimant de levage

Publication
EP 1818951 B1 20090826 (DE)

Application
EP 07450017 A 20070205

Priority
AT 1762006 A 20060206

Abstract (en)
[origin: EP1818951A1] Lifting magnet comprises a magnetic plunger (15) with a control section (15a) having a geometric structure so that an air gap is adjusted and/or enlarged by sliding the magnetic plunger in the direction of the lifting end position. Preferred Features: The magnetic plunger has a reduced plunger diameter in the control section. The control section of the magnetic plunger is conical.

IPC 8 full level
H01F 7/08 (2006.01)

CPC (source: EP)
B66C 1/04 (2013.01); **H01F 7/13** (2013.01); **H01F 7/1607** (2013.01); **H01F 2007/085** (2013.01); **H01F 2007/086** (2013.01)

Cited by
DE102010021175A1; WO2011144272A1; FR2940502A1; CN106710782A; EP2743941A3; CN102431880A; EP2164081A3; EP4060694A1; DE102019200370A1; WO2011124323A3; US8653921B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1818951 A1 20070815; EP 1818951 B1 20090826; AT 503480 A1 20071015; AT 503480 B1 20081015; AT E441191 T1 20090915; DE 502007001369 D1 20091008

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