

Title (en)
Solenoid

Title (de)
Hubmagnet

Title (fr)
Electroaimant de levage

Publication
EP 2056308 B1 20130918 (DE)

Application
EP 08018926 A 20081030

Priority
DE 102007053005 A 20071105

Abstract (en)
[origin: EP2056308A1] The solenoid has an anchor (6) and a field coil (3) that are provided in area of a pot-shaped solenoid body (1), where spaces provided between the anchor and the field coil are filled with a magnetically conductive material (9). The magnetically conductive material is selected from particle-shaped iron in the form of iron powder and iron boring. The magnetic leading material is embedded in a carrier in the form of flowable product or paste, and is embedded in a casting compound, which is produced by hardening fluid comprising the solid iron.

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

CPC (source: EP)
H01F 7/081 (2013.01); **H01F 7/1607** (2013.01)

Designated contracting state (EPC)
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