

Title (en)  
Electromagnetic coil

Title (de)  
Elektromagnetische Spule

Title (fr)  
Bobine électromagnétique

Publication  
**EP 1970919 B1 20130102 (DE)**

Application  
**EP 08101984 A 20080226**

Priority  
DE 102007012101 A 20070313

Abstract (en)  
[origin: EP1970919A2] The electromagnetic coil has a spool (1), a winding from magnet wire (2) and two contact pins (3,4). The contact pins are fastened to a springy retaining element (5) and are movable relative to the spool. The retaining element is formed in one piece with the spool and ends (2a,2b) of the magnet wire are fastened to the movable or springy contact pins.

IPC 8 full level  
**H01F 5/04** (2006.01)

CPC (source: EP US)  
**H01F 5/04** (2013.01 - EP US); **H01F 5/02** (2013.01 - EP US)

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

DOCDB simple family (publication)  
**EP 1970919 A2 20080917; EP 1970919 A3 20110105; EP 1970919 B1 20130102**; US 2008309447 A1 20081218; US 7750786 B2 20100706

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**EP 08101984 A 20080226**; US 4654408 A 20080312