

Title (en)  
Magnetic coil

Title (de)  
Magnetspule

Title (fr)  
Bobine magnétique

Publication  
**EP 1569248 A3 20070530 (DE)**

Application  
**EP 04027139 A 20041115**

Priority  
DE 102004009690 A 20040227

Abstract (en)  
[origin: EP1569248A2] The magnet coil (1) has an outer casing (4) of plastic with a number of ribs (40) on its exterior as protection against impacts. The ribs are arranged parallel to each other and are formed by webs whose width (b) is greater than their height. The ratio of the separation distance (a) to the height of the ribs is within the range 1 to 2.

IPC 8 full level  
**H01F 7/128** (2006.01); **H02K 33/16** (2006.01); **H01F 7/06** (2006.01); **H01F 27/02** (2006.01)

CPC (source: EP US)  
**H01F 7/06** (2013.01 - EP US); **H01F 7/128** (2013.01 - EP US); **H01F 27/022** (2013.01 - EP US)

Citation (search report)

- [X] DE 1906619 U 19641217 - MAGNETSCHULTZ G M B H SPEZIALF [DE]
- [X] EP 0989567 A1 20000329 - IMI NORGREN HERION FLUIDTRONIC GMBH & CO KG [DE]
- [A] GB 874211 A 19610802 - PHILIPS ELECTRICAL IND LTD
- [A] DE 8024859 U1 19801218
- [A] US 5779045 A 19980714 - YU JACK [TW]

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

Designated extension state (EPC)  
AL HR LT LV MK YU

DOCDB simple family (publication)  
**EP 1569248 A2 20050831**; **EP 1569248 A3 20070530**; DE 102004009690 A1 20050908; JP 2005245193 A 20050908; US 2005190033 A1 20050901

DOCDB simple family (application)  
**EP 04027139 A 20041115**; DE 102004009690 A 20040227; JP 2005021143 A 20050128; US 99754904 A 20041124