

Title (en)
Casing for solenoid

Title (de)
Gehäuse für eine Magnetspule

Title (fr)
Boîtier pour solénoïde

Publication
EP 0577956 B1 19960717 (DE)

Application
EP 93108071 A 19930518

Priority
DE 4222239 A 19920707

Abstract (en)
[origin: EP0577956A1] A known casing (housing) for a solenoid (magnet coil) consists of a housing block made from a metallic material, a recess being provided in this block in order to accommodate a solenoid. An opening, which is used for accommodating a support for a contact element which is connected to the solenoid, is provided in the wall of the casing, transversely with respect to the longitudinal axis of the casing. The opening is surrounded by an annular part which extends away outwards from the wall of the casing and is constructed integrally with said wall of the casing. In order to design such a casing for a solenoid to be of simpler construction and such that it can be produced more easily, the casing is formed by a tube (3) whose interior is used as a recess for accommodating a solenoid. The annular part (14, 13) is formed by a tubular depression in the wall of the tube (3). The depression (14, 13) in the tube (3) is used for accommodating at least one part of the contact support (16) which holds the contact element (19). The significant feature is that the casing is made from a magnetically conductive material. <IMAGE>

IPC 1-7
H01F 7/128

IPC 8 full level
H01F 7/06 (2006.01); **H01F 7/128** (2006.01); **H01F 7/16** (2006.01); **H01R 13/623** (2006.01); **H01R 13/625** (2006.01); **H01R 24/02** (2006.01); **H01R 24/38** (2011.01)

CPC (source: EP)
H01F 7/06 (2013.01)

Cited by
EP0708458A1

Designated contracting state (EPC)
DE FR GB IT SE

DOCDB simple family (publication)
EP 0577956 A1 19940112; EP 0577956 B1 19960717; DE 4222239 A1 19940113; DE 59303238 D1 19960822; JP H06181117 A 19940628

DOCDB simple family (application)
EP 93108071 A 19930518; DE 4222239 A 19920707; DE 59303238 T 19930518; JP 20983693 A 19930630