Title (en)

COIL BODY

Title (de)

SPULENKÖRPER

Title (fr)

ARMATURE DE BOBINE

Publication

EP 0600059 B1 19960821 (DE)

Application

EP 93912606 A 19930618

Priority

- DE 4220287 A 19920620
- DE 9300539 W 19930618

Abstract (en)

[origin: WO9400857A1] A coil body, especially for RM cores, is given adequate mechanical and high thermal stability by the following features: a) a hollow cylinder (1) together with an upper flange (2) and a lower flange (3) forms a coil winding core; b) on the lower flange (3) are fitted shoulders (5, 6) pointing radially outwards and having a greater thickness than the lower flange (3); c) the shoulders (5, 6) hold connecting pins (7) projecting from their undersides; d) between every two shoulders (5, 6) there is a wire guide slot (8) opening radially outwards, the closed end (9) of which ends in the region of the lower flange (3) near the outside of the hollow cylinder (1); e) at the closed end (9), a short section of the wire guide slot (8) is closed off by a filling shoulder (10), the upper side of which is stepped beneath the upper side of the lower flange (3); f) on their lower sides the shoulders (5, 6) are joined together by a bridge (13) crossing the wire guide slot (8) which extends along the underside of the filling shoulder (10) and is joined to it; g) the coil body is made of a duroplastic unsaturated polyester containing additives which improve machinability.

IPC 1-7

H01F 5/02

IPC 8 full level

H01F 5/02 (2006.01)

CPC (source: EP)

H01F 5/02 (2013.01)

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

WO 9400857 A1 19940106; AT E141711 T1 19960915; CA 2114948 A1 19931221; DE 4220287 A1 19931223; DE 4220287 C2 19941124; DE 59303494 D1 19960926; DE 9218610 U1 19941006; EP 0600059 A1 19940608; EP 0600059 B1 19960821

DOCDB simple family (application)

DE 9300539 W 19930618; AT 93912606 T 19930618; CA 2114948 A 19930618; DE 4220287 A 19920620; DE 59303494 T 19930618; DE 9218610 U 19920620; EP 93912606 A 19930618