

Title (en)

Coil bobbin and inductance with such bobbin

Title (de)

Spulenkörper und Kerndrossel mit dem Spulenkörper

Title (fr)

Corps de bobine et inductance comportant un tel corps de bobine

Publication

**EP 1367612 B1 20100310 (DE)**

Application

**EP 03012440 A 20030530**

Priority

DE 10223995 A 20020529

Abstract (en)

[origin: EP1367612A1] The coil body (SK) receives a magnetic choke core in the form of a closed yoke and has at least one central wire feed opening and wire guide devices (DF) at its ends for maintaining one or more wire windings (DW1,DW2) provided with radial electrical terminations in a required pattern. The coil body can be provided by an open trough for reception of the choke core fitted with a cover, with a holder (HA1) provided at one or both ends for mounting the coil body in its working position. The central feed opening can be divided by a separation limb (TS). An Independent claim for a choke coil is also included.

IPC 8 full level

**H01F 17/06** (2006.01); **H01F 27/30** (2006.01); **H01F 30/16** (2006.01); **H01F 27/28** (2006.01); **H01F 27/32** (2006.01)

CPC (source: EP)

**H01F 17/062** (2013.01); **H01F 27/306** (2013.01); **H01F 27/2895** (2013.01); **H01F 27/324** (2013.01); **H01F 30/16** (2013.01)

Cited by

CN105788804A; CN109903955A; CN106683825A; CN106653322A; CN106653323A; EP2200052A3; US8138878B2

Designated contracting state (EPC)

AT DE FR GB IE IT

DOCDB simple family (publication)

**EP 1367612 A1 20031203**; **EP 1367612 B1 20100310**; AT E460738 T1 20100315; DE 10223995 C1 20031127; DE 50312491 D1 20100422

DOCDB simple family (application)

**EP 03012440 A 20030530**; AT 03012440 T 20030530; DE 10223995 A 20020529; DE 50312491 T 20030530