

Title (en)
Coil bobbin for a flat coil

Title (de)
Spulenkörper für eine Flachspule

Title (fr)
Corps de bobine pour une bobine plate

Publication
EP 0824259 B1 20000809 (DE)

Application
EP 97107798 A 19970513

Priority
DE 19629067 A 19960718

Abstract (en)
[origin: EP0824259A2] The inductor's coil is formed with a printed circuit board (10) that has parallel tracks (12) used to form the coil. The board has a rectangular centre slot (16) that fits over a centre guide in a carrier board (20) of electrically insulating material. The coil is formed by connecting the tracks to pins (34). These pins project (40) on one side to externally mount on a circuit board. Standard spacings are used (a). A cover encloses the assembly (42), and a magnetic core fits around the centre section with a centre limb that enters the centre aperture.

IPC 1-7
H01F 27/28; **H01F 5/02**

IPC 8 full level
H01F 5/02 (2006.01); **H01F 27/28** (2006.01)

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

Cited by
DE19901172C2

Designated contracting state (EPC)
BE DE FI FR GB IT LU NL SE

DOCDB simple family (publication)
DE 19629067 A1 19980122; DE 59702130 D1 20000914; EP 0824259 A2 19980218; EP 0824259 A3 19980429; EP 0824259 B1 20000809; US 5929734 A 19990727

DOCDB simple family (application)
DE 19629067 A 19960718; DE 59702130 T 19970513; EP 97107798 A 19970513; US 89539497 A 19970716