

Title (en)

Transformer with a bobbin made of synthetic material.

Title (de)

Transformator mit einem aus Kunststoff gebildeten Spulenkörper.

Title (fr)

Transformateur avec une bobine formée en matière synthétique.

Publication

**EP 0520548 B1 19950524 (DE)**

Application

**EP 92201743 A 19920615**

Priority

DE 4120771 A 19910624

Abstract (en)

[origin: EP0520548A1] The invention relates to a transformer having a bobbin made of synthetic material, on whose hollow winding core (7) windings (11, 13) at different potential are wound one above the other between coil flanges (3, 5), spacing means (17, 19, 23) being provided on the coil flanges (3, 5), which spacing means (17, 19, 23) hold the coils (11a, 13a) axially at a distance from the flanges (3, 5), and an insulating layer (21) which extends from flange to flange being provided between the coils (11, 13), the winding (11) which is located closer to the bobbin axis being held at a distance from the flanges (3, 5) by means of steps (17, 19) which are provided in a fixed position on the winding core (7), and the winding (13) which is wound on the insulating layer (21) being held at a distance from the flanges (3, 5) by means of spacer blocks (23) which are connected via film hinges (25) to the flange regions (24) of the bobbin and, once the insulating layer (21) has been applied, being folded over said insulating layer (21). <IMAGE>

IPC 1-7

**H01F 27/30**

IPC 8 full level

**H01F 5/02** (2006.01); **H01F 27/30** (2006.01); **H01F 27/32** (2006.01); **H01F 41/00** (2006.01); **H01F 41/04** (2006.01); **H01F 41/098** (2016.01)

CPC (source: EP US)

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**EP 0520548 A1 19921230**; **EP 0520548 B1 19950524**; DE 4120771 A1 19930107; DE 59202302 D1 19950629; JP 3133153 B2 20010205; JP H05205931 A 19930813; US 5369389 A 19941129

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