

Title (en)
Flat-type transformer.

Title (de)
Transformator in Flachbauweise.

Title (fr)
Transformateur plat.

Publication
EP 0450448 A1 19911009 (EN)

Application
EP 91104678 A 19910325

Priority
JP 7865490 A 19900329

Abstract (en)
A flat-type transformer comprises a plurality, at least two, of planar coils (12a, 12b, 12c) and a plate-like electric insulator (13) disposed between adjacent two planar coils so as to form a stacked structure of the insulator and the planar coils. This stacked structure are sandwiched between a pair of magnetic members (14a, 14b) disposed on both the sides of the stacked structure with electric insulators (13) being interposed between the magnetic members and outermost planar coils. The planar coils having substantially the same outer diameter in the stacked structure. Each of the planar coils has a spiral structure in a plane. <IMAGE>

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H01F 17/00

IPC 8 full level
H01F 30/08 (2006.01); **H01F 17/00** (2006.01); **H01F 17/04** (2006.01); **H01F 30/00** (2006.01)

CPC (source: EP)
H01F 17/0006 (2013.01)

Citation (search report)
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• [A] FR 981390 A 19510525
• [A] US 3848210 A 19741112 - FELKNER D
• [A] GB 2083952 A 19820331 - ASAHI CHEMICAL IND
• [Y] W. Leonhard, J. Holtz, H.Ch. Skudelny: "3rd European Conference on Power Electronics and Applications, Aachen 1989" October 1989, EPE '89 - Secretariat, Düsseldorf,

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DE4317545A1; JP2017017103A

Designated contracting state (EPC)
DE FR

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