Title (en)

Planar transformer

Title (de)

Planartransformator

Title (fr)

Transformateur planaire

Publication

EP 1085535 A1 20010321 (DE)

Application

EP 00116058 A 20000726

Priority

DE 19945013 A 19990920

Abstract (en)

The transformer has a multi-layer structure (7), provided by flat electrical winding layers and intermediate insulation layers, mounted on a carrier (1) and enclosing a magnetic core (6). The carrier incorporates heavy current windings, e.g. Cu stampings and their associated current terminals (5) and is formed as a rectangular frame with a central opening (4) for reception of the magnetic core.

Abstract (de)

Ein Planartransformator mit Hochstromwindungen, einem Mehrschichtaufbau (7), dessen Schichten von flachen elektrisch leitenden Windungen und dazwischen angeordneten Isolierungen gebildet werden, einem von den Windungen umgebenen Magnetkern und einen Träger (1) für den Mehrschichtaufbau, wobei die Hochstromwindungen jeweils voneinander isoliert in den Träger (1) mit herausgeführten elektrischen Stromanschlüssen (5) integriert sind. <IMAGE>

IPC 1-7

H01F 27/28; H01F 27/29; H01F 27/02

IPC 8 full level

H01F 27/02 (2006.01); **H01F 27/28** (2006.01); **H01F 27/29** (2006.01)

CPC (source: EP)

H01F 27/027 (2013.01); **H01F 27/2852** (2013.01); **H01F 27/292** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT DE FI SE

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