

Title (en)

DRY-TYPE TRANSFORMER HAVING A GENERALLY RECTANGULAR, RESIN ENCAPSULATED COIL

Title (de)

TROCKENTRANSFORMATOR MIT ALLGEMEIN RECHTECKIGER, IN GIESSHARZ EINGEBETTETER WICKLUNG

Title (fr)

TRANSFORMATEUR SEC PRESENTANT UNE BOBINE GENERALEMENT RECTANGULAIRE ENCAPSULEE DANS UNE RESINE

Publication

EP 1074028 A1 20010207 (EN)

Application

EP 98913227 A 19980327

Priority

US 9806131 W 19980327

Abstract (en)

[origin: WO9949481A1] A dry-type power distribution transformer (10) has a generally rectangular, wound ferromagnetic metal core (20) and a resin encapsulated, generally rectangular coil (40). The core has a generally rectangular core window (22) within which is located a substantially straight section of the coil. When assembled to form a power distribution transformer, the shape of the coil's substantially straight section conforms to the shape of the core window. The transformer is inexpensive to manufacture, exhibits low resistivity and low core loss, and is lightweight, compact and reliable in operation.

IPC 1-7

H01F 27/28; **H01F 27/25**

IPC 8 full level

H01F 27/24 (2006.01); **H01F 27/25** (2006.01); **H01F 27/28** (2006.01)

CPC (source: EP KR)

H01F 27/25 (2013.01 - EP); **H01F 27/28** (2013.01 - KR); **H01F 27/2847** (2013.01 - EP); **H01F 2027/2857** (2013.01 - EP)

Citation (search report)

See references of WO 9949481A1

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DOCDB simple family (application)

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