

Title (en)

Low profile transformer and method for making a low profile transformer

Title (de)

Niederprofiltransformator und Herstellungsverfahren eines Niederprofiltransformators

Title (fr)

Transformateur de profil bas et procédé de fabrication d'un transformateur de profil bas

Publication

EP 1091369 A3 20020417 (EN)

Application

EP 00308677 A 20001003

Priority

US 41440899 A 19991007

Abstract (en)

[origin: EP1091369A2] A low profile electrical transformer (10) comprises at least two electrical windings (14) and a ferromagnetic base member (12). The base member is an integral construction presenting a core structure and a plurality of termination structures. The electrical windings are arrayed about the core structure and present a plurality of lead structures which are attached with the termination structures for electrical attachment in a circuit. A method for making the low profile transformer having an electrical winding structure including at least electrical windings and a plurality of termination structures; and a base member having a plurality of termination sites; comprises the steps of: (a) assembling the electrical winding structure and the base member; and (b) during the assembling, attaching the plurality of electrical termination structures with at least some of the plurality of termination sites to present a plurality of electrical termination loci for connection within an electrical circuit. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

H01F 17/04 (2013.01); **H01F 27/2828** (2013.01); **H01F 27/292** (2013.01)

Citation (search report)

- [X] US 5212345 A 19930518 - GUTIERREZ AURELIO J [US]
- [X] DE 19812836 A1 19990930 - PEMETZRIEDER NEOSID [DE]
- [A] DE 2163992 B1 19730614
- [A] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 05 31 May 1996 (1996-05-31)

Cited by

CN110914937A; DE202008004315U1; CN104956453A; EP2227815A4; USD1034462S; WO2014116917A1; US10998124B2; US11948724B2; US10840005B2; US10854367B2; US11049638B2; US11875926B2

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