

Title (en)

Planar transformer, manufacturing process of its winding and compact electrical device comprising such a planar transformer

Title (de)

Planartransformator und Verfahren zur Herstellung seiner Wicklung sowie eine kompakte elektrische Vorrichtung mit einem solchen Planartransformator

Title (fr)

Transformateur planaire, procédé de fabrication de son enroulement et appareil électrique compacte comportant un tel transformateur planaire

Publication

**EP 1085537 A3 20010411 (DE)**

Application

**EP 00119213 A 20000906**

Priority

- DE 19944072 A 19990914
- DE 10039890 A 20000816

Abstract (en)

[origin: EP1085537A2] Planar transformers with compact electronics arranged in shock-proof mounting and particularly suitable for use in motor vehicles, have the primary and secondary windings (3a,3b) each designed as a folded electrical conductor (15) having a non-round cross-section. These electrical conductors (15) are formed from a metal strip or band, or as a sheet-metal part and at least one insulation layer is arranged parallel to the electrical conductor (15) and can be folded with the electrical conductor (15) in one working step.

IPC 1-7

**H01F 27/28**; **H01F 41/06**

IPC 8 full level

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CPC (source: EP)

**H01F 27/2804** (2013.01); **H01F 27/2847** (2013.01); **H01F 41/063** (2016.01); **H01F 2027/2861** (2013.01)

Citation (search report)

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- [Y] EP 0741396 A1 19961106 - AT & T CORP [US]
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- [A] PATENT ABSTRACTS OF JAPAN vol. 005, no. 181 (E - 083) 20 November 1981 (1981-11-20)

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