

Title (en)

Transformer, in particular safety transformer in flush-mounted box

Title (de)

Transformator, insbesondere Sicherheitstransformator zum Einbau in Unterputzdosen

Title (fr)

Transformateur, en particulier transformateur de securité dans des boîtiers encastrables

Publication

EP 1517342 A3 20070509 (DE)

Application

EP 04022056 A 20040916

Priority

DE 10343489 A 20030919

Abstract (en)

[origin: EP1517342A2] The transformer has a primary coil winding and a secondary coil winding and an iron core (1) formed from stacked transformer core plates (2), with termination elements at the sides of the stacked transformer core plates for supplying the coil windings. The size of the transformer core plates is less than the minimum dimensions of the transformer core plates required for the maximal power output, to allow fitting into a standard wall socket, the height of the transformer core plate stack and the coil windings increased to obtain the maximal power output.

IPC 8 full level

H01F 27/04 (2006.01); **H01F 27/02** (2006.01); **H01F 27/26** (2006.01); **H01F 27/29** (2006.01); **H01F 27/245** (2006.01)

CPC (source: EP)

H01F 27/04 (2013.01); **H01F 27/266** (2013.01); **H01F 27/29** (2013.01); **H01F 27/245** (2013.01); **H01F 2005/043** (2013.01); **H01F 2027/065** (2013.01)

Citation (search report)

- [YA] DE 2326126 A1 19740110 - TABUCHI DENKI KK
- [Y] US 5412367 A 19950502 - SHIBUI SEIKI [JP], et al
- [XA] US 5783982 A 19980721 - LECHELER REINHARD [DE]
- [A] DE 8421786 U1 19841031
- [A] EP 0121677 A1 19841017 - SCHWABE KG ELEKTROTECH FAB [DE]

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CN105390255A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL HR LT LV MK

DOCDB simple family (publication)

EP 1517342 A2 20050323; **EP 1517342 A3 20070509**; DE 10343489 A1 20050414

DOCDB simple family (application)

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