

Title (en)
SMALL TRANSFORMER

Publication
EP 0133661 B1 19861029 (DE)

Application
EP 84108616 A 19840720

Priority
DE 8322540 U 19830804

Abstract (en)
[origin: US4652846A] A transformer of small installed volume which affords, besides electrical separation, also an effective static protective shield between the power supply side and the user side, along with simple production and assembly. To accomplish this, a two-chamber transformer with a coil form for the primary winding and a coil form for the secondary winding, both plugged one behind the other onto the transformer core in the direction of the coil axes and a stamped metal foil frame as the shielding wall between the adjacent face flanges of the coil forms are used. The transformer is particularly well suited for application in equipment of the entertainment, communications and medical technologies.

IPC 1-7
H01F 27/36; **H01F 27/32**; **H01F 5/02**

IPC 8 full level
H01F 5/02 (2006.01); **H01F 27/32** (2006.01); **H01F 27/36** (2006.01)

CPC (source: EP US)
H01F 5/02 (2013.01 - EP US); **H01F 27/325** (2013.01 - EP US); **H01F 27/36** (2013.01 - EP US); **H01F 27/363** (2020.08 - EP US)

Cited by
US7218198B2; US7429908B2

Designated contracting state (EPC)
AT DE FR GB NL

DOCDB simple family (publication)
EP 0133661 A2 19850306; **EP 0133661 A3 19850403**; **EP 0133661 B1 19861029**; AT E23234 T1 19861115; DE 3461128 D1 19861204; DE 8322540 U1 19841011; US 4652846 A 19870324

DOCDB simple family (application)
EP 84108616 A 19840720; AT 84108616 T 19840720; DE 3461128 T 19840720; DE 8322540 U 19830804; US 83080286 A 19860219