

Title (en)
A transformer

Title (de)
Transformator

Title (fr)
Transformateur

Publication
EP 1657728 B1 20100602 (EN)

Application
EP 04425853 A 20041115

Priority
EP 04425853 A 20041115

Abstract (en)
[origin: EP1657728A1] A transformer (1) includes a bobbin (2) defining primary (21) and secondary (22) winding chambers, a core (4) mounted on said bobbin, as well as primary (31) and a secondary (32) windings wound in the primary (21) and secondary (22) winding chambers. The core (4) is an EFD/EFF ferrite core, and the bobbin (2) includes a cover cap (52) for the secondary winding chamber (22). The bobbin (2) including the cover cap (52) are configured to provide reinforced insulation of the secondary winding (32) with respect to the primary winding (31) and the core (4) to render the transformer (1) SELV-compliant with EN 61347, and compliant with UL 1310.

IPC 8 full level
H01F 27/32 (2006.01)

CPC (source: EP)
H01F 41/10 (2013.01); **H01F 2005/022** (2013.01); **H01F 2005/043** (2013.01)

Cited by
CN109545543A; US2009295530A1; US8344839B2; CN116759229A; EP1693860A1

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

DOCDB simple family (publication)
EP 1657728 A1 20060517; EP 1657728 B1 20100602; AT E470228 T1 20100615; CN 101057305 A 20071017; CN 101057305 B 20110706; DE 602004027503 D1 20100715; WO 2006050995 A2 20060518; WO 2006050995 A3 20060803

DOCDB simple family (application)
EP 04425853 A 20041115; AT 04425853 T 20041115; CN 200580038962 A 20051115; DE 602004027503 T 20041115; EP 2005012261 W 20051115