

Title (en)
Insulator transformer

Title (de)
Trenntransformator

Title (fr)
Transformateur d'isolation

Publication
EP 1884966 A1 20080206 (EN)

Application
EP 06425554 A 20060801

Priority
EP 06425554 A 20060801

Abstract (en)
An insulating transformer (10), e.g. for halogen lamps, includes a toroidal core (12) having wound thereon a primary winding (14) and a secondary winding (16). The primary winding (14) and the secondary winding (16) are wound on nonoverlapping sectors of the toroidal core (12), preferably at diametrically opposed locations across the toroidal core (12). The secondary winding (16) is comprised of an insulating wire providing the insulating feature of the transformer (10). Alternatively, the transformer (10) includes an insulating bobbin for the core (12) and the secondary winding (16) is wound over the bobbin, whereby the bobbin provides the insulating feature of the transformer (10).

IPC 8 full level
H01F 30/16 (2006.01); **F21V 23/02** (2006.01); **H01F 27/32** (2006.01)

CPC (source: EP)
H01F 27/2895 (2013.01); **H01F 30/16** (2013.01); **H01F 38/10** (2013.01); **H01F 27/324** (2013.01); **H01F 27/326** (2013.01);
H01F 2019/085 (2013.01)

Citation (search report)

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

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1884966 A1 20080206

DOCDB simple family (application)
EP 06425554 A 20060801