

Title (en)  
Ignition transformer for a high pressure gas discharge lamp

Title (de)  
Zündtransformator für eine Hochdruckgasentladungslampe

Title (fr)  
Transformateur d'allumage pour une lampe à décharge haute pression

Publication  
**EP 2226817 A3 20110406 (DE)**

Application  
**EP 10155112 A 20100302**

Priority  
DE 102009012087 A 20090306

Abstract (en)  
[origin: EP2226817A2] The ignition transformer (1) has a housing (2) with two partially open opposite sides, and a core (3) made of soft magnetic material, which is supported in the housing. A screw-like primary winding (12) made of strip-shaped metal is guided helically around the housing, and a secondary winding (4) is guided around the core. Two longitudinally spaced ramp-like projections (8) are formed on the outer side of the housing, over which an end area of the primary winding is guided. The projections have flat surfaces (9).

IPC 8 full level  
**H01F 27/32** (2006.01); **H01F 27/28** (2006.01); **H01F 27/29** (2006.01); **H01F 38/10** (2006.01)

CPC (source: EP)  
**H01F 27/2847** (2013.01); **H01F 27/29** (2013.01); **H01F 27/326** (2013.01); **H01F 38/10** (2013.01); **H01F 27/2866** (2013.01)

Citation (search report)

- [Y] DE 202005007484 U1 20060921 - VOGT ELECT COMPONENTS GMBH [DE]
- [Y] US 7042169 B2 20060509 - NEUMEIER KLAUS [DE], et al
- [A] EP 1511131 A1 20050302 - PATENT TREUHAND GES FUER ELEKTRISCHE GLUEHLAMPEN MBH [DE]
- [A] DE 102007025421 A1 20081204 - VOGT ELECT COMPONENTS GMBH [DE]
- [A] DE 102007037635 A1 20090212 - OSRAM GMBH [DE]
- [A] EP 1311143 A1 20030514 - MITSUBISHI ELECTRIC CORP [JP]
- [A] WO 2006084440 A1 20060817 - PATENT TREUHAND GES FUER ELEKTRISCHE GLUEHLAMPEN MBH [DE], et al

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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)  
AL BA ME RS

DOCDB simple family (publication)  
**EP 2226817 A2 20100908; EP 2226817 A3 20110406; EP 2226817 B1 20140528**; DE 102009012087 A1 20100909

DOCDB simple family (application)  
**EP 10155112 A 20100302**; DE 102009012087 A 20090306