

Title (en)  
BALLAST UNIT FOR GAS DISCHARGE LAMPS

Publication  
**EP 0152096 B1 19890308 (DE)**

Application  
**EP 85101488 A 19850212**

Priority  
DE 3405063 A 19840213

Abstract (en)  
[origin: EP0152096A1] 1. Ballast for gas-discharge lamps with a core stack which is assembled in enclosed form, laminated in the longitudinal direction of the core, held between a U-shaped ballast base (9) and a U-shaped top part (10) and comprises two symmetrically arranged winding apertures (1), characterised in that - with a ballast cross-section of approximately 28 x 28 mm, the core stack consists of 2 U-shaped parts (2), which are of the same side and have inclined surfaces (4), which open in a conical manner, at the inner surfaces of the side pieces, and an I-shaped central part (3), which carries the winding (11) and has roof-shaped wedge surfaces (5), corresponding to the inclined surfaces (4), at the front ends, - that one of the U-shaped parts (2) of the core stack is disposed in the U-shaped ballast base (9) and the other U-shaped part (2) of the core stack is disposed in the U-shaped top part (10), - the top part (10) being connected to the ballast base (9) after the core stack parts (2, 3) have been pressed together, with the winding (11) being held between these in a non-positive manner, - and that the height (a) of the winding apertures (1) is 1/6 to 1/8 of the corresponding external dimension (A) of the core stack.

IPC 1-7  
**H01F 31/06**

IPC 8 full level  
**H01F 38/10** (2006.01)

CPC (source: EP)  
**H01F 38/10** (2013.01)

Citation (examination)  
DE 168029 C

Designated contracting state (EPC)  
DE GB IT

DOCDB simple family (publication)  
**EP 0152096 A1 19850821; EP 0152096 B1 19890308**; DE 3405063 A1 19850905; DE 3568666 D1 19890413

DOCDB simple family (application)  
**EP 85101488 A 19850212**; DE 3405063 A 19840213; DE 3568666 T 19850212