

Title (en)

BALLAST COIL, ESPECIALLY FOR GAS DISCHARGE LAMPS

Publication

**EP 0240737 B1 19901205 (DE)**

Application

**EP 87103221 A 19870306**

Priority

DE 3611069 A 19860403

Abstract (en)

[origin: EP0240737A1] A ballast coil, especially for gas discharge lamps, has a layered core, which supports the winding, of iron sheets, is constructed in the form of a jacket and is assembled from U- or E-shaped and T- or I- shaped core parts (1, 2), at least one air gap (11) of defined size being arranged between the core parts. In order to be able to adjust precisely the impedance value of the ballast coil, without compressing an air gap insert, at least one air gap (11) is present in the closing circuit of the magnetic force lines, in the region of which air gap (11) the core parts (1, 2) are connected to one another in a positive-locking manner and such that they can be adjusted, by means of at least one narrow tongue (8) which crosses over this air gap and engages in a slot (7) on the opposite core part. <IMAGE>

IPC 1-7

**H05B 41/00**; **H01F 31/06**

IPC 8 full level

**H01F 38/10** (2006.01); **H05B 41/00** (2006.01)

CPC (source: EP)

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**EP 0240737 A1 19871014**; **EP 0240737 B1 19901205**; DD 258488 A5 19880720; DE 3611069 A1 19871008; DE 3766524 D1 19910117; FI 871432 A0 19870401; FI 871432 A 19871004

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