

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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