

Title (en)
BALLAST APPARATUS

Publication
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Application
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Priority
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Abstract (en)
[origin: EP0092654A2] For increasing the life of a discharge lamp with heatable electrodes, adequate pre-heating must be provided before ignition of the lamp. In an inverter, the load circuit of which contains the discharge lamp (L) and a series resonant circuit (C23, L7) in a series circuit, adequate pre-heating is achieved according to the invention by temporarily increasing the operating frequency of the inverter. If the switch of the inverter is controlled by a transformer (T8), the primary winding of which is located in the load circuit, this object is achieved in particular by short-circuiting a small additional winding (L85). <IMAGE>

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H05B 41/29

IPC 8 full level
H05B 41/295 (2006.01)

CPC (source: EP)
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Citation (search report)

- [X] EP 0056642 A1 19820728 - WOLLANK GERHARD
- [X] FR 2398427 A1 19790216 - LEGRAND SA [FR]
- [A] FR 2461429 A1 19810130 - SABIR
- [Y] DE 3031322 A1 19820401 - LICENTIA GMBH [DE]
- [A] GB 2014000 A 19790815 - PHILIPS NV
- [E] FR 2520575 A1 19830729 - THOMSON BRANDT GMBH [DE]
- [E] EP 0093469 A2 19831109 - PHILIPS NV [NL]
- [A] WO 8103102 A1 19811029 - SIEMENS AG [DE], et al

Cited by
DE3437554A1; EP0114370A1; EP0741503A1; NL8403441A; US7728528B2; WO2006056143A1; WO9851130A1

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