

Title (en)
Compact low pressure discharge lamp

Title (de)
Kompakte Niederdruckentladungslampe

Title (fr)
Lampe compacte à décharge à basse pression

Publication
EP 1329931 A3 20060426 (DE)

Application
EP 02026021 A 20021121

Priority
DE 10163166 A 20011220

Abstract (en)
[origin: US2003117056A1] Compact low-pressure discharge lamp The invention relates to a compact low-pressure discharge lamp (1) comprising a discharge vessel (3) with electrodes and power supply leads (7), a discharge vessel mount (5) and a cap (12) which comprises a housing (13), connecting contacts (14) and a mounting plate (15) with a ballast apparatus (16), with the mounting plate (15) being fitted with the ballast arrangement (16) in the interior of the cap housing (13), and having connections for electrical connection of the mounting plate (15) to the power supply leads (7) and to the connecting contacts (14). The discharge vessel mount (5) has an essentially H-shaped cross section and comprises a plate (4) with collars (9, 18) running on the edge of each side of the plate. Both the housing (13) of the cap (12) and the cover part, which is in the form of an enveloping bulb (2), a reflector or a closure cap, are mounted on this H-shaped discharge vessel mount (5).

IPC 8 full level
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H01J 5/48 (2013.01 - EP US); **H01J 5/56** (2013.01 - EP US); **H01J 61/30** (2013.01 - KR); **H01J 61/327** (2013.01 - EP US)

Citation (search report)
• [A] US 6008570 A 19991228 - HELBIG PETER [DE], et al
• [AD] EP 0044196 A1 19820120 - TOSHIBA KK [JP]

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US8079741B2; WO2007099124A1

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