

Title (en)
Compact low pressure discharge lamp

Title (de)
Kompakte Niederdruckentladungslampe

Title (fr)
Lampe compacte à décharge à basse pression

Publication
EP 1329931 B1 20080702 (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
F21S 2/00 (2006.01); **H01J 5/54** (2006.01); **H01J 5/48** (2006.01); **H01J 5/56** (2006.01); **H01J 61/30** (2006.01); **H01J 61/32** (2006.01); **H01J 61/34** (2006.01); **H01J 61/56** (2006.01); **H01J 61/70** (2006.01); **F21Y 103/37** (2016.01)

CPC (source: EP KR US)
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)

Cited by
US8079741B2; WO2007099124A1

Designated contracting state (EPC)
BE DE FR GB IT NL

DOCDB simple family (publication)
US 2003117056 A1 20030626; US 6707238 B2 20040316; CA 2414696 A1 20030620; CN 1316548 C 20070516; CN 1433045 A 20030730; DE 10163166 A1 20030703; DE 50212431 D1 20080814; EP 1329931 A2 20030723; EP 1329931 A3 20060426; EP 1329931 B1 20080702; HU 0204442 D0 20030228; HU P0204442 A2 20030628; HU P0204442 A3 20031229; JP 2003223802 A 20030808; JP 4220771 B2 20090204; KR 20030053015 A 20030627; PL 199847 B1 20081128; PL 357803 A1 20030630; TW 200301501 A 20030701; TW I260034 B 20060811

DOCDB simple family (application)
US 32053802 A 20021217; CA 2414696 A 20021218; CN 02157588 A 20021220; DE 10163166 A 20011220; DE 50212431 T 20021121; EP 02026021 A 20021121; HU P0204442 A 20021219; JP 2002366154 A 20021218; KR 20020081117 A 20021218; PL 35780302 A 20021216; TW 91134927 A 20021202