Title (en)

Double-based low pressure discharge lamp

Title (de)

Zweiseitig gesockelte Niederdruckentladungslampe

Title (fr)

Lampe à décharge à basse pression à double culot

Publication

EP 0621623 B1 19970917 (DE)

Application

EP 94105616 A 19940412

Priority

DE 9305977 U 19930420

Abstract (en)

[origin: CA2121640A1] To ensure contact of axially bent-back current supply leads, extending over plate-like base terminals of an elongated fluorescent lamp, and ensure electrical connection between the bent-over or bent-back portions with socket terminal springs (9a, 9b), in spite of misalignment of the bases (3) at two opposite ends of the fluorescent lamp, the junctions or corners (1118) between the narrow wall portions (18a, 18b) and wide side wall portions (11a, 11b; 12a, 12b; 13a, 13b) of the end portion (4) of the base are set back from the position in a theoretical geometric rectangle or parallelogram to form relieved wide side wall portions. The relieved side wall portions extend axially over essentially the entire length of the end portion (4) of the base. The arrangement permits alignment tolerances, that is, limited relatively canted or twisted positioning of the bases, and insertion into aligned sockets, while ensuring reliable electrical connection between the lamp terminals and the socket connection elements (5a, 6b).

IPC 1-7

H01J 5/56; H01J 61/70

IPC 8 full level

H01J 5/50 (2006.01); **H01J 5/56** (2006.01); **H01J 61/70** (2006.01)

CPC (source: EP US)

H01J 5/50 (2013.01 - EP US)

Cited by

EP0908667A2

Designated contracting state (EPC)

BE CH DE FR GB IT LI NL

DOCDB simple family (publication)

DE 9305977 U1 19930812; CA 2121640 A1 19941021; CA 2121640 C 20030923; DE 59404064 D1 19971023; EP 0621623 A2 19941026; EP 0621623 A3 19951011; EP 0621623 B1 19970917; JP 3003293 U 19941018; US 5491374 A 19960213

DOCDB simple family (application)

DE 9305977 U 19930420; CA 2121640 A 19940419; DE 59404064 T 19940412; EP 94105616 A 19940412; JP 401794 U 19940418; US 22917794 A 19940418