

Title (en)
Halogen incandescent lamp

Title (de)
Halogenglühlampe

Title (fr)
Lampe à incandescence halogène

Publication
EP 0758142 B1 19990519 (DE)

Application
EP 96111637 A 19960718

Priority
DE 19528686 A 19950803

Abstract (en)
[origin: US5686794A] To positively locate a filament (5, 22) in position within a bulb (2) of a halogen incandescent lamp, the walls of the bulb are deformed at selected points along the length of the filament within the bulb to define at least three inwardly projecting dimples which just barely engage, or engage, the filament. Preferably, the filament is formed with a connecting portion (7) in the region of engagement, which connecting portion is either straight, coiled with a very steep pitch, or, if the filament is double-coiled, only single-coiled. The connecting portion (7) may be electrically short-circuited by a core pin (39). If the bulb is single-ended (FIG. 3), a return lead (29) along the wall of the bulb, can be pinched between adjacent walls (45) of adjacent dimples. The dimples, looked at from the outside of the lamp, are essentially funnel-shaped and, in cross section, may be circular, or if space between adjacent dimples is insufficient, may be elliptical.

IPC 1-7
H01K 1/18; **H01K 1/24**

IPC 8 full level
H01K 1/18 (2006.01); **H01K 1/28** (2006.01); **H01K 1/24** (2006.01)

CPC (source: EP US)
H01K 1/18 (2013.01 - EP US); **H01K 1/28** (2013.01 - EP US)

Cited by
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DOCDB simple family (publication)
US 5686794 A 19971111; CA 2178307 A1 19970204; CN 1094650 C 20021120; CN 1146626 A 19970402; DE 19528686 A1 19970206; DE 59601928 D1 19990624; EP 0758142 A2 19970212; EP 0758142 A3 19970813; EP 0758142 B1 19990519; HK 1012127 A1 19990723; HU 218643 B 20001028; HU 9602148 D0 19960930; HU P9602148 A2 19970528; HU P9602148 A3 19991228; JP 3704204 B2 20051012; JP H0945293 A 19970214

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US 65863596 A 19960605; CA 2178307 A 19960605; CN 96110783 A 19960731; DE 19528686 A 19950803; DE 59601928 T 19960718; EP 96111637 A 19960718; HK 98113282 A 19981214; HU P9602148 A 19960802; JP 21599096 A 19960729