

Title (en)
Halogen incandescent lamp

Title (de)
Halogenglühlampe

Title (fr)
Lampe à incandescence halogène

Publication
EP 0758142 A3 19970813 (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)

Citation (search report)

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

DOCDB simple family (publication)
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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