

Title (en)
ELECTRICAL LAMP CAPPED WITHOUT CEMENT

Publication
EP 0384240 A3 19910502 (DE)

Application
EP 90102595 A 19900209

Priority
• DE 8902247 U 19890224
• DE 8907108 U 19890609

Abstract (en)
[origin: US5010272A] To provide a compact structure in which a base core (17, 48) can be fitted into a metallic base sleeve (9, 40) to which a holding structure (4, 7, 34) of a halogen incandescent lamp can be attached, the base core or the sleeve are formed with interengaging rim - engagement surfaces, and the base sleeve, further, is formed with projecting tabs which engage over or into the base core, through slits and recesses formed therein, to hold the base core in position; the base sleeve is additionally formed with a positioning or locating ring or plate (10, 44) so that the lamp holding structure (4, 7, 34) can be welded to the base sleeve to accurately position the filament of the lamp with respect to the locating plate or ring so that the filament can be located with respect to the focal point of a reflector, the tabs permitting compensation for tolerances in the base core, which may be substantial when made of ceramic material. Ceramic, typically Steatite, base cores are highly temperature-resistant, important when the lamp is a halogen incandescent lamp.

IPC 1-7
H01K 1/46; **H01J 5/60**

IPC 8 full level
H01J 5/60 (2006.01); **H01K 1/46** (2006.01); **H01R 33/09** (2006.01)

CPC (source: EP US)
H01K 1/46 (2013.01 - EP US); **H01R 33/09** (2013.01 - EP US)

Citation (search report)
• [A] DE 3128346 A1 19830127 - PATENT TREUHAND GES FUER ELEKTRISCHE GLUEHLAMPEN MBH [DE]
• [AP] EP 0331042 A2 19890906 - PATENT TREUHAND GES FUER ELEKTRISCHE GLUEHLAMPEN MBH [DE]
• [A] US 2033748 A 19360310 - WALLACE WILFORD B
• [A] US 4763038 A 19880809 - TAKAYAMA KAZUSHIGE [JP]

Cited by
EP0786791A1; US6031323A; US8796924B2; WO2012022560A1; WO2011110425A1

Designated contracting state (EPC)
DE ES FR GB IT SE

DOCDB simple family (publication)
US 5010272 A 19910423; DD 292994 A5 19910814; DE 59005400 D1 19940526; EP 0384240 A2 19900829; EP 0384240 A3 19910502; EP 0384240 B1 19940420; ES 2051398 T3 19940616; HU 202678 B 19910328; HU 900904 D0 19900528; HU T53246 A 19900928

DOCDB simple family (application)
US 48228990 A 19900220; DD 33805990 A 19900222; DE 59005400 T 19900209; EP 90102595 A 19900209; ES 90102595 T 19900209; HU 90490 A 19900222