

Title (en)

Single-cap lamp.

Title (de)

Einseitig gesockelte elektrische Lampe.

Title (fr)

Lampe fixée d'un côté.

Publication

EP 0455884 B1 19940323 (DE)

Application

EP 90124910 A 19901220

Priority

DE 4014745 A 19900508

Abstract (en)

[origin: EP0455884A2] The invention relates to a single-cap electrical lamp, preferably a high-pressure discharge lamp, for use in a motor vehicle headlight, and to a method for producing such a lamp. In order to ensure a positively locking, vibration-proof firm seat of the lamp bulb (1) in the retaining part (2) of the cap, a means (7), which can be used for high-frequency-induced heating, is arranged in the retaining part (2) in the region of the tubular extension (6) of the lamp bulb (1). A high-frequency pulse is induced in said means with the aid of an external device, so that the plastic mass (17) of the retaining part (2) melts in the region of the extension (6) of the lamp bulb (1). Once the plastic melt (17) has cooled, there is a good adhesive bonded connection between the wall of the lamp bulb (1) and the material of the retaining part (2). <IMAGE>

IPC 1-7

H01J 9/34; **H01J 5/48**; **H01J 5/58**

IPC 8 full level

F21S 8/10 (2006.01); **F21V 19/00** (2006.01); **H01J 5/48** (2006.01); **H01J 5/50** (2006.01); **H01J 5/58** (2006.01); **H01J 9/34** (2006.01); **H01J 61/36** (2006.01); **H01K 1/46** (2006.01)

CPC (source: EP US)

H01J 5/48 (2013.01 - EP US)

Cited by

KR100708497B1; EP1439569A3; DE19928419C1; EP0696046A2

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

EP 0455884 A2 19911113; **EP 0455884 A3 19920401**; **EP 0455884 B1 19940323**; DE 4014745 A1 19911114; DE 59005124 D1 19940428; JP 2875046 B2 19990324; JP H04229545 A 19920819; US 5270610 A 19931214

DOCDB simple family (application)

EP 90124910 A 19901220; DE 4014745 A 19900508; DE 59005124 T 19901220; JP 10255591 A 19910508; US 69446591 A 19910501