

Title (en)

Miniature light bulb and its method of manufacture.

Title (de)

Miniatur-Birne und ihre Herstellungstechnik.

Title (fr)

Ampoule électrique miniature et sa technique de fabrication.

Publication

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Application

EP 91402161 A 19910801

Priority

FR 9009906 A 19900802

Abstract (en)

Method of manufacture of an electric light bulb (1) operating by incandescence characterised by the fact that: - one starts with a blank (10) bulb of generally "mushroom" shape having a diameter which can be as low as or close to about 25 mm; - the inner face of the rear half (13) of the flared part of the blank (10) is substantially metallised; - one starts with a foot (6) provided with a plurality of supports (7) for a filament (8) and a support is folded in two into a V and the supports are bent at their base in two opposite directions, the filament being inserted in an envelope having the general form of a truncated cone; - the foot is sealed on (6); - the air in the bulb is pumped out (1); - a base cap is sealed on (3). <IMAGE>

Abstract (fr)

Procédé de fabrication d'une ampoule électrique (1) fonctionnant par incandescence caractérisé par le fait que : on part d'une ébauche (10) d'ampoule de forme générale "champignon" ayant un diamètre pouvant descendre ou être voisin de 25 mm environ ; on métallise substantiellement la face interne de la moitié arrière (13) de la partie renflée de l'ébauche (10); on part d'un pied (6) pourvu d'une pluralité de supports (7) pour un filament (8) et on cambre en V un support sur deux et on plie les supports à leur base dans deux sens opposés, le filament s'inscrivant dans une enveloppe en forme générale de tronc de cône ; on scelle le pied (6); on pompe l'air se trouvant dans l'ampoule (1); on scelle un culot (3). <IMAGE>

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H01K 3/00 (2006.01)

CPC (source: EP)

H01K 3/005 (2013.01)

Citation (search report)

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