

Title (en)

Vacuum bulb, breaker pole including such a vacuum bulb and methods for manufacturing such devices

Title (de)

Vakuumlampe, Schutzschalterpol, der eine solche Vakuumlampe umfasst, und Herstellungsverfahren dieser Vorrichtungen

Title (fr)

Ampoule à vide, pôle de disjoncteur comprenant une telle ampoule à vide et procédés de fabrication de tels dispositifs

Publication

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Application

EP 14180036 A 20140806

Priority

FR 1357942 A 20130809

Abstract (en)

[origin: CN104347308A] The invention relates to a vacuum bulb (1) including a sealed chamber (4), two electrical contacts (7, 7') which move relative to one another, wherein the sealed chamber (4) includes a cylindrical body (5) closed at its ends by two metal covers (6, 6'), where each of these covers (6, 6') is connected to one of the electrical contacts (7, 7'); and a dielectric coating (12) which covers the outer surface of the chamber (4). This coating (12) includes at least two layers, an overmoulding layer and an intermediate layer (13) discontinuous and localised on the metal portions of the chamber (4) so as to cover at least partially the outer surface of the metal portions (6, 6'), where the silicone of the intermediate layer (13) includes hollow bodies, where these hollow bodies are compressible, and have a skin made of a thermoplastic material.

IPC 8 full level

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CPC (source: CN EP RU US)

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