

Title (en)

DIELECTRIC LAYER FOR DISCHARGE LAMPS AND CORRESPONDING PRODUCTION METHOD

Title (de)

DIELEKTRISCHE SCHICHT FÜR ENTLADUNGSLAMPEN UND ZUGEHÖRIGES HERSTELLUNGSVERFAHREN

Title (fr)

COUCHE DIELECTRIQUE POUR LAMPES A DECHARGE, ET SON PROCEDE DE REALISATION

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Application

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Abstract (en)

[origin: DE19826809A1] The invention relates to a printing method for applying dielectric layers made of solder glass on strip-shaped metal electrodes of discharge lamps, which are operated by means of pulsed dielectrically inhibited discharge. An aggregate having a higher melting temperature than solder glass, e.g. crystalline or amorphous aluminum oxide or quartz glass powder, is used as printing paste in said method. The typical percentage by weight of the aggregate is between 2 and 30 %. Better wetting of the strip-shaped metal electrode is thus obtained.

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