Title (en)

USE OF GLASS CAPABLE OF RECRYSTALLIZATION AS MINERAL BINDER OF AN ELECTRODE PASTE FOR A PLASMA PANEL

Title (de)

ANWENDUNG VON REKRISTALLISIERBAREM GLAS ALS ANORGANISCHES BINDEMITTEL FÜR DIE ELEKTRODENPASTE EINER PLASMAANZEIGE

Title (fr)

UTILISATION D'UN VERRE RECRISTALLISABLE COMME LIANT MINERAL D'UNE PATE ELECTRODES POUR UN PANNEAU A PLASMA

Publication

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Application

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Abstract (en)

[origin: US2006172650A1] The present invention relates to a process for manufacturing a plasma panel tile, comprising the deposition of electrodes, using a paste comprising a metal powder and a mineral binder, and the baking of the deposited electrodes. According to the invention, the composition of the mineral binder and the baking conditions are tailored so that, after the deposited electrodes have been baked, the binder is in the recrystallized state. Owing to the recrystallized state of the binder, the yellowing problems which occur during subsequent heat treatments are eliminated.

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