

Title (en)
SCREEN-PRINTABLE BORON DOPING PASTE WITH SIMULTANEOUS INHIBITION OF PHOSPHORUS DIFFUSION IN CO-DIFFUSION PROCESSES

Title (de)
SIEBDRUCKBARE BOR-DOTIERPASTE MIT GLEICHZEITIGER HEMMUNG DER PHOSPHORDIFFUSION BEI CO-DIFFUSIONSPROZESSEN

Title (fr)
PÂTE DOPÉE AU BORE UTILISABLE EN SÉRIGRAPHIE, INHIBANT SIMULTANÉMENT LA DIFFUSION DE PHOSPHORE LORS DE PROCESSUS DE CO-DIFFUSION

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Abstract (en)
[origin: WO2016165812A1] The present invention relates to a novel printable boron doping paste in the form of a hybrid gel on the basis of inorganic oxide precursors, preferably precursors of silicon dioxide, aluminum oxide and boron oxide, in the presence of organic polymer particles, the pastes according to the invention being usable in a simplified process for the production of solar cells, and the hybrid gel according to the invention functioning as a doping medium as well as a diffusion barrier.

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