

Title (en)

METHOD FOR THE PRODUCTION OF SEMICONDUCTING OR PHOTOVOLTAICALLY ACTIVE FILMS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON HALBLEITENDEN ODER PHOTOVOLTAISCH AKTIVEN FILMEN

Title (fr)

PROCEDE DE PRODUCTION DE FILMS SEMI-CONDUCTEURS ET D'ACTION PHOTOVOLTAIQUE

Publication

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Application

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Abstract (en)

[origin: WO2006063893A1] The invention relates to a method for the production of a semiconducting or photovoltaically active film by coating a substrate film with a suspension containing a carrier fluid and nanoscopically small particles of a photovoltaically active or semiconducting material dispersed in said carrier fluid; by heating the surface of the coated substrate film to a temperature during a period of time which is sufficient for said nanoscopically small particles to at least partially melt; by cooling the coating below the crystallization temperature of the photovoltaically active or semiconducting material; and by separating the substrate film. The invention also relates to films that can be obtained according to said method, and to electronic components and solar cells containing said films.

IPC 8 full level

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