

Title (en)
THIN-FILM PHOTOVOLTAIC MODULE WITH HYDROPHOBIC REAR-SIDE COATING

Title (de)
DÜNNSCHICHT-PHOTOVOLTAIK-MODUL MIT HYDROPHOBER RÜCKSEITENBESCHICHTUNG

Title (fr)
MODULE PHOTOVOLTAÏQUE À COUCHE MINCE COMPORTANT UN REVÊTEMENT HYDROPHOBE SUR SA FACE ARRIÈRE

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Application
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Abstract (en)
[origin: WO2013029845A1] The present invention relates to a thin-film photovoltaic module with hydrophobic rear-side coating, at least comprising:
- a substrate (1) (soda-lime glass), wherein at least one hydrophobic coating (5) (containing an alkylsilane, preferably a fluorinated alkylsilane) is arranged on the rear side (IV) of the substrate (1), - a photovoltaic layer structure (2) on the front side (III) of the substrate (1) and - a covering screen (3), which is areally connected to the front side (III) of the substrate (1) via the rear side (II) of said screen with at least one intermediate layer (4).

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Citation (search report)
See references of WO 2013029845A1

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