

Title (en)
METHOD AND DEVICE FOR LOCAL TREATMENT OF SUBSTRATES

Title (de)
VERFAHREN UND VORRICHTUNG ZUR LOKALEN BEHANDLUNG VON SUBSTRATEN

Title (fr)
PROCEDE ET DISPOSITIF DE TRAITEMENT LOCAL DE SUBSTRATS

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Application
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Abstract (en)
[origin: EP2218522A1] This invention relates to a process for fabricating a working electrode for use in a Dye Solar Cell (DSC). The method including the steps of: providing a transparent substrate with a Transparent Electronic Conductor (TEC) layer; coating an area of the TEC layer with a layer of semiconducting material; applying a layer of dye over both the Transparent Electronic Conductor (TEC) layer and the layer of semiconducting material; locally treating the substrate with a fluid, the fluid being selected to dissolve the dye; said process comprising creating and directing at least one jet of fluid towards local areas of the substrate; the local areas being coated by dye, but not coated by the semiconducting material and applying a vacuum suction force to the said local areas.

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