

Title (en)

Method for depositing metal on a substrate, in particular for metallization of solar cells and modules

Title (de)

Verfahren zur Ablagerung von Metall auf einem Substrat, insbesondere für Metallisierung von Solarzellen und -modulen

Title (fr)

Procédé pour le dépôt de métal sur un substrat, en particulier de métallisation de cellules et modules solaires

Publication

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Application

EP 13290195 A 20130819

Priority

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Abstract (en)

The invention relates to a method for depositing metal on a substrate (1) comprising the following steps: - deposition of a sensitizer (9) comprising laser activable metal based molecules in a neutral state on the substrate (1), - activation of said laser activable metal based molecules of the sensitizer (9) through laser activation (103) so as to create metal ions from said laser activable metal based molecules which catalyze areas (11) on the substrate, - chemical deposition of metal on said catalyzed areas (11) of the substrate (1).

IPC 8 full level

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Citation (search report)

- [X] WO 2008087172 A1 20080724 - BASF SE [DE], et al
- [X] WO 2011072506 A1 20110623 - BYD CO LTD [CN], et al
- [XD] EP 1367872 A2 20031203 - SHIPLEY CO LLC [US]

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