

Title (en)

METHOD FOR PRODUCING A TRANSPARENT ELECTRODE, METHOD FOR PRODUCING A PHOTOVOLTAIC CELL AND ARRAY

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER TRANSPARENTEN ELEKTRODE, VERFAHREN ZUR HERSTELLUNG EINER FOTOVOLTAIKZELLE SOWIE ANORDNUNG

Title (fr)

PROCÉDÉ DE FABRICATION D'UNE ÉLECTRODE TRANSPARENTE, PROCÉDÉ DE FABRICATION D'UNE CELLULE PHOTOVOLTAÏQUE AINSI QU'AGENCEMENT

Publication

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Application

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Abstract (en)

[origin: WO2012013798A2] The invention relates to a method for producing a transparent electrode (110) on a substrate (101), comprising: providing the substrate (101), depositing a first transparent electrically conductive layer (111) on the substrate (101), depositing a metal oxide layer (115) on a surface (114) of the electrically conductive layer (111) which faces away from the substrate (101), dividing the metal oxide layer (115) into a plurality of metal particles (112) by thermal decomposition, and depositing a second transparent electrically conductive layer (113) on the metal particles (112). In order to produce a photovoltaic cell, a photoactive layer stack (120) is deposited on the second transparent electrically conductive layer (113). A photovoltaic cell thus produced comprises a plurality of metal particles (112) made of a metal oxide.

IPC 8 full level

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CPC (source: EP KR US)

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