Abstract

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

A method for producing a transparent electrode (110) on a substrate (101) comprises:

- provision of the substrate (101),
- deposition of a first transparent electrically conductive layer (111) on the substrate (101),
- deposition of a metal oxide layer (115) on a surface (114) of the electrically conductive layer (111) facing away from the substrate (101),
- subdivision of the metal oxide layer (115) into a plurality of metal particles (112) by a thermal decomposition,
- deposition of 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 electively conductive layer (113). A photovoltaic cell produced in this manner comprises a plurality of metal particles (112) from a metal oxide.

Fig. 1