

Title (en)

METHOD FOR INTERCONNECTING SOLAR CELLS

Title (de)

VERFAHREN ZUR VERSCHALTUNG VON SOLARZELLEN

Title (fr)

PROCÉDÉ D'INTERCONNEXION DE CELLULES SOLAIRES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2017220444A1] The present invention relates to a method for interconnecting solar cells, wherein (a) aluminium or an aluminium alloy is deposited by means of physical gas-phase deposition onto the rear side of a semiconductor component of a first solar cell so as to form an aluminium rear contact, (b) the aluminium rear contact is treated with an alkali, aqueous medium which contains Zn²⁺, so that metallic zinc is deposited on the aluminium rear contact so as to form a zinc-coated aluminium rear contact, (c) the zinc-coated aluminium rear contact is connected by a metallic connector to a metal contact of a second solar cell, wherein the metallic connector is fastened on the zinc-coated aluminium rear contact by soldering or adhesive bonding.

IPC 8 full level

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