

Title (en)

N LAYER HAVING A CONTROLLED CARBON CONTENT IN A PEROVSKITE-TYPE PHOTOVOLTAIC DEVICE

Title (de)

N-SCHICHT MIT KONTROLLIERTEM KOHLENSTOFFGEHALT BEI EINEM FOTOVOLTAIKMODUL VOM PEROWSKIT-TYP

Title (fr)

COUCHE N A TAUX DE CARBONE CONTROLE DANS UN DISPOSITIF PHOTOVOLTAÏQUE DE TYPE PEROVSKITE

Publication

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Application

**EP 20800137 A 20201103**

Priority

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Abstract (en)

[origin: WO2021089528A1] The present invention relates to a multilayer stack used to form a photovoltaic device, the stack comprising at least: - an N-type conducting layer; - a P-type conducting layer; and - an active perovskite-type layer interposed between the N-type and P-type conducting layers, wherein the N-type conducting layer is made from individual nanoparticles of N-type metal oxide(s) and has a carbon content of less than or equal to 20 atomic%. The invention also relates to a method for preparing such a multilayer stack.

IPC 8 full level

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