

Title (en)

STRUCTURE FOR FORMING SOLAR CELLS

Title (de)

STRUKTUR ZUR HERSTELLUNG VON SOLARZELLEN

Title (fr)

STRUCTURE ADAPTEE A LA FORMATION DE CELLULES SOLAIRES

Publication

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Application

EP 12706653 A 20120130

Priority

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Abstract (en)

[origin: WO2012104535A2] The invention relates to a structure adapted for the formation of solar cells, comprising the following successive elements, namely: a sheet (1) of textured metal with crystal grains having an average size greater than 50 µm, said sheet being adapted to form a rear face electrode of the cells; a diffusion barrier layer (2) having a thickness of between 0.2 and 2 µm, made from an electrically conductive material with crystal grains having an average size greater than 50 µm; and a doped multicrystalline silicon layer (3) having a thickness of between 30 and 100 µm, with crystal grains having an average size greater than 50 to 100 µm, in which the average diffusion length of the carriers is greater than 50 µm.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2012104535A2

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