

Title (en)

METHOD FOR PRODUCING SILICON SOLAR CELLS HAVING A FRONT-SIDED TEXTURE AND A SMOOTH REAR SIDE SURFACE

Title (de)

VERFAHREN ZUR HERSTELLUNG VON SILIZIUMSOLARZELLEN MIT VORDERSEITIGER TEXTUR UND GLATTER RÜCKSEITENOVERFLÄCHE

Title (fr)

PROCÉDÉ POUR PRODUIRE DES CELLULES SOLAIRES EN SILICIUM PRÉSENTANT UNE FACE AVANT TEXTURÉE ET UNE SURFACE ARRIÈRE LISSE

Publication

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Application

EP 11830092 A 20111209

Priority

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Abstract (en)

[origin: WO2012083944A2] The invention relates to a method for producing a silicon solar cell which is smoothly etched on one side, in which a front and rear side of a silicon substrate are etched (10) to form a smooth texture, a dielectric coating is then applied onto the rear side of the silicon substrate (14, 16), and the front side of the silicon substrate is subsequently textured (20) by means of a texture etching medium. According to the invention, the dielectric coating formed on the rear side of the silicon substrate is used as an etching mask against the texture etching medium.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2012083944A2

Citation (examination)

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