

Title (en)
METHOD FOR PRODUCTION OF A THIN-LAYER SOLAR CELL WITH MICROCRYSTALLINE SILICON AND LAYER SEQUENCE

Title (de)
VERFAHREN ZUR HERSTELLUNG EINER DÜNNSCHICHTSOLARZELLE MIT MIKROKRISTALLINEM SILIZIUM SOWIE SCHICHTFOLGE

Title (fr)
PROCEDE DE PRODUCTION D'UNE CELLULE SOLAIRE EN COUCHES MINCES A SILICIUM MONOCRISTALLIN ET SUCCESSION DE COUCHES

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Application
EP 05825838 A 20051213

Priority
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• DE 102004061360 A 20041221

Abstract (en)
[origin: WO2006066544A1] The invention relates to a method for production of a thin-layer solar cell with microcrystalline silicon and a layer sequence. According to the invention, a microcrystalline silicon layer is applied to the lower p- or n-layer in pin or nip thin-layer solar cells, by means of a HWCVD method before the application of the microcrystalline i-layer. The efficiency of the solar cell is hence increased by up to 0.8 % absolute.

IPC 8 full level
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Citation (search report)
See references of WO 2006066544A1

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