

Title (en)

METHOD AND APPARATUS FOR LASER-PROCESSING A SEMICONDUCTOR PHOTOVOLTAIC APPARATUS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM LASERVERARBEITEN EINER HALBLEITER-FOTOVOLTAICVORRICHTUNG

Title (fr)

PROCÉDÉ ET APPAREIL POUR LE TRAITEMENT AU LASER D'UN APPAREIL PHOTOVOLTAÏQUE SEMI-CONDUCTEUR

Publication

EP 2380213 A1 20111026 (EN)

Application

EP 08876510 A 20081217

Priority

US 2008087091 W 20081217

Abstract (en)

[origin: WO2010071638A1] The present disclosure is directed to a method for automated manufacturing thin film solar cells including a laser processed layer. The method includes depositing a plurality of substantially planar layers in proximity with one another, including at least a first semiconductor layer, feeding the plurality of layers through a plurality of processing steps, irradiating at least a portion of a layer of the plurality of layers with a source of laser radiation, and using a control computer to control at least one of the acts of feeding and irradiating in the automated manufacture of the thin film solar cells.

IPC 8 full level

H01L 31/18 (2006.01); **H01L 21/268** (2006.01)

CPC (source: EP)

H01L 21/268 (2013.01); **H01L 31/186** (2013.01); **Y02E 10/50** (2013.01); **Y02P 70/50** (2015.11)

Citation (search report)

See references of WO 2010071638A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2010071638 A1 20100624; EP 2380213 A1 20111026

DOCDB simple family (application)

US 2008087091 W 20081217; EP 08876510 A 20081217