

Title (en)

SOLAR CELL AND METHOD FOR PRODUCING A SOLAR CELL

Title (de)

SOLARZELLE SOWIE VERFAHREN ZUR HERSTELLUNG EINER SOLARZELLE

Title (fr)

CELLULE SOLAIRE ET PROCEDE DE FABRICATION DE LADITE CELLULE

Publication

EP 1177584 A2 20020206 (DE)

Application

EP 00934884 A 20000410

Priority

- DE 0001073 W 20000410
- DE 19917758 A 19990410

Abstract (en)

[origin: DE19917758A1] The solar cell is provided with an absorbing layer which is arranged on a flexible and band-shaped support. The absorbing layer is at least partially provided with components of copper and is provided with at least one element from the group of indium and gallium and with at least one element from the group of selenium and sulphur and is at least partially embodied as p-type. The absorbing layer is at least partially deposited on the support in a plating manner. The components of the absorbing layer are in a stoichiometric ratio in relation to one another. The absorbing layer is heat-treated after having been deposited on the support.

IPC 1-7

H01L 31/032; **H01L 31/18**; **H01L 31/048**

IPC 8 full level

H01L 31/032 (2006.01); **H01L 31/0392** (2006.01); **H01L 31/18** (2006.01)

CPC (source: EP)

H01L 31/0322 (2013.01); **H01L 31/0392** (2013.01); **H01L 31/03928** (2013.01); **H01L 31/1876** (2013.01); **Y02E 10/541** (2013.01); **Y02P 70/50** (2015.11)

Citation (search report)

See references of WO 0062347A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

DE 19917758 A1 20001019; **DE 19917758 C2 20030828**; AU 5059200 A 20001114; EP 1177584 A2 20020206; WO 0062347 A2 20001019; WO 0062347 A3 20010301

DOCDB simple family (application)

DE 19917758 A 19990410; AU 5059200 A 20000410; DE 0001073 W 20000410; EP 00934884 A 20000410