

Title (en)
METHOD FOR PREPARING A SELF-SUPPORTING CRYSTALLIZED SILICON THIN FILM

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES SELBSTUNTERSTÜTZENDEN KRISTALLISIERTEN SILIZIUMDÜNNFILMS

Title (fr)
PROCEDE DE PREPARATION D'UNE COUCHE MINCE AUTO-SUPPORTEE DE SILICIUM CRISTALLISE

Publication
EP 2319072 A1 20110511 (FR)

Application
EP 09741364 A 20090903

Priority
• FR 2009051667 W 20090903
• FR 0855969 A 20080905

Abstract (en)
[origin: WO2010026343A1] The invention relates to a method for preparing a self-supporting crystallized silicon thin film having a grain size of more than 1 mm. The invention also relates to the use of said method for preparing self-supporting silicon bands and to the bands thus obtained.

IPC 8 full level
H01L 21/324 (2006.01)

CPC (source: EP KR US)
H01L 21/20 (2013.01 - KR); **H01L 21/324** (2013.01 - KR); **H01L 31/1804** (2013.01 - EP US); **H01L 31/1896** (2013.01 - EP US);
H01L 21/02444 (2013.01 - EP US); **H01L 21/02447** (2013.01 - EP US); **H01L 21/02532** (2013.01 - EP US); **H01L 21/02664** (2013.01 - EP US);
Y02E 10/547 (2013.01 - EP US); **Y02P 70/50** (2015.11 - EP US)

Citation (search report)
See references of WO 2010026343A1

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 MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
FR 2935838 A1 20100312; **FR 2935838 B1 20121123**; BR PI0919145 A2 20151208; CN 102144283 A 20110803; CN 102144283 B 20131030;
EP 2319072 A1 20110511; JP 2012502457 A 20120126; JP 5492209 B2 20140514; KR 101287525 B1 20130719; KR 20110053378 A 20110520;
RU 2460167 C1 20120827; US 2011212630 A1 20110901; WO 2010026343 A1 20100311

DOCDB simple family (application)
FR 0855969 A 20080905; BR PI0919145 A 20090903; CN 200980134958 A 20090903; EP 09741364 A 20090903; FR 2009051667 W 20090903;
JP 2011525598 A 20090903; KR 20117007357 A 20090903; RU 2011107879 A 20090903; US 200913062462 A 20090903