

Title (en)
BRACE FOR SOLAR MODULE ARRAY

Title (de)
SCHIENE ZUR ANORDNUNG VON SOLARMODULEN

Title (fr)
RENFORT POUR RÉSEAU DE MODULES SOLAIRES

Publication
EP 2865014 A4 20150729 (EN)

Application
EP 13809479 A 20130621

Priority

- US 201213532731 A 20120625
- US 201213532728 A 20120625
- US 201213532733 A 20120625
- US 2013046992 W 20130621

Abstract (en)
[origin: WO2014004279A1] A brace for connecting the frames of adjacent solar modules can include one or more lower lips and one or more upper lips configured to capture an outer edge of a solar module frame. The brace can include a removable top so as to facilitate connection and disconnection of the couplers and solar modules. Additionally, the brace can be configured to allow a solar module to be engaged and disengaged by hooking the frame onto the brace then tilting the frame relative to the brace. The brace can include features for achieving a snap fit with solar module frames.

IPC 8 full level
H01L 31/042 (2014.01); **F24J 2/52** (2006.01); **H02S 20/23** (2014.01)

CPC (source: EP KR)
F24S 25/35 (2018.04 - EP); **F24S 25/37** (2018.04 - EP); **F24S 25/636** (2018.04 - EP); **H02S 20/23** (2014.12 - EP KR); **H02S 30/10** (2014.12 - KR); **F24S 2025/801** (2018.04 - EP); **Y02B 10/10** (2013.01 - EP KR); **Y02E 10/47** (2013.01 - EP); **Y02E 10/50** (2013.01 - EP KR)

Citation (search report)

- [XAI] WO 2011129321 A1 20111020 - SHARP KK [JP], et al
- [XI] WO 2011078382 A1 20110630 - SHARP KK [JP], et al
- [XI] EP 1876312 A1 20080109 - SHARP KK [JP]
- [X] US 2011260027 A1 20111027 - FARNHAM JR RICHARD ROBERT [US]
- [XI] US 2004163338 A1 20040826 - LIEBENDORFER JOHN E [US]
- [X] JP 2004060358 A 20040226 - KYOCERA CORP
- See references of WO 2014004279A1

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2014004279 A1 20140103; AU 2013280828 A1 20150122; AU 2013280828 B2 20170309; EP 2865014 A1 20150429; EP 2865014 A4 20150729; JP 2015527855 A 20150917; KR 20150034733 A 20150403

DOCDB simple family (application)
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