

Title (en)
EDGE CONNECTOR FOR PHOTOVOLTAIC SOLAR MODULES

Title (de)
KANTENVERBINDER FÜR PHOTOVOLTAISCHE SOLARMODULE

Title (fr)
CONNECTEUR DE BORD POUR MODULE SOLAIRE PHOTOVOLTAÏQUE

Publication
EP 2873100 A1 20150520 (DE)

Application
EP 13735052 A 20130711

Priority

- DE 102012106241 A 20120711
- EP 2013064730 W 20130711

Abstract (en)
[origin: WO2014009491A1] Edge connector for a photovoltaic solar module having: a dielectric edge connector housing with a lateral mounting tab for attachment to an end-face edge of the solar module; a first cable connector disposed laterally on the edge connector housing for releasable attachment of a first attachment line to the edge connector in order to produce an electrical connection of the attachment line to the solar module; a second cable connector, which is electrically connected to the first cable connector and is disposed on the edge connector housing opposite to the first cable connector, for attachment of an edge connector line limited to the solar module; and a conductor strip attachment element, which is electrically connected to the cable connectors and is disposed between the cable connectors of the edge connector, for electrical connection to a conductor strip.

IPC 8 full level
H01L 31/048 (2014.01)

CPC (source: EP US)
H01R 13/52 (2013.01 - US); **H01R 13/5845** (2013.01 - US); **H01R 31/06** (2013.01 - US); **H02S 40/34** (2014.12 - EP US); **H02S 40/36** (2014.12 - US); **Y02E 10/50** (2013.01 - EP)

Citation (search report)
See references of WO 2014009491A1

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 2014009491 A1 20140116; CN 104428906 A 20150318; CN 104428906 B 20170711; DE 102012106241 A1 20140522; EP 2873100 A1 20150520; JP 2015528274 A 20150924; US 2015162870 A1 20150611

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EP 2013064730 W 20130711; CN 201380036379 A 20130711; DE 102012106241 A 20120711; EP 13735052 A 20130711; JP 2015520997 A 20130711; US 201314413039 A 20130711