

Title (en)  
FULLY REDUNDANT PHOTOVOLTAIC ARRAY

Title (de)  
VOLLSTÄNDIG REDUNDANTE FOTOVOLTAIKANORDNUNG

Title (fr)  
RÉSEAU PHOTOVOLTAÏQUE ENTIÈREMENT REDONDANT

Publication  
**EP 3036829 A4 20170809 (EN)**

Application  
**EP 14838225 A 20140821**

Priority

- US 201361868564 P 20130821
- US 201361890776 P 20131014
- US 201361890780 P 20131014
- US 201361890761 P 20131014
- US 201361900392 P 20131105
- US 201361900389 P 20131105
- US 201361903511 P 20131113
- US 201361921998 P 20131230
- US 201461930894 P 20140123
- US 2014052166 W 20140821

Abstract (en)  
[origin: WO2015027104A1] In an embodiment, a photovoltaic (PV) system includes a direct current (DC) bus, multiple PV modules and multiple inverter units. The PV modules are electrically coupled in parallel to the DC bus. The inverter units have DC inputs electrically coupled in parallel to the DC bus and have alternating current (AC) outputs electrically coupled to an AC grid.

IPC 8 full level  
**H02S 40/32** (2014.01)

CPC (source: EP)  
**F24S 25/13** (2018.04); **H01L 31/02008** (2013.01); **H01L 31/02021** (2013.01); **H02S 20/00** (2013.01); **H02S 40/22** (2014.12); **Y02E 10/47** (2013.01); **Y02E 10/52** (2013.01)

Citation (search report)

- [X1] WO 2013066998 A1 20130510 - TENKSOLAR INC [US]
- [X] US 2010283325 A1 20101111 - MARCIANESI ANDREA [IT], et al
- [A] WO 2009073867 A1 20090611 - SOLAREEDGE LTD [IL], et al
- [XA] WO 2011019936 A1 20110217 - NEWDOLL ENTPR LLC [US], et al
- [X1] CN 102611144 A 20120725 - EAGLERISE ELECTRIC & ELECTRONIC CO LTD
- See references of WO 2015027104A1

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

DOCDB simple family (publication)  
**WO 2015027104 A1 20150226**; CN 105637758 A 20160601; EP 3036829 A1 20160629; EP 3036829 A4 20170809

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**US 2014052166 W 20140821**; CN 201480051361 A 20140821; EP 14838225 A 20140821