

Title (en)  
PHOTOVOLTAIC DAISYCHAIN AND CELL AND ASSOCIATED MANUFACTURING PROCESSES

Title (de)  
FOTOVOLTAISCHE DAISYCHAIN UND ZELLE UND ZUGEHÖRIGE HERSTELLUNGSVERFAHREN

Title (fr)  
CELLULE ET GUIRLANDE PHOTOVOLTAIQUES ET PROCEDES DE FABRICATION ASSOCIES

Publication  
**EP 3888135 A1 20211006 (FR)**

Application  
**EP 19812768 A 20191127**

Priority  
• FR 1871915 A 20181127  
• EP 2019082785 W 20191127

Abstract (en)  
[origin: WO2020109408A1] One aspect of the invention relates to a photovoltaic cell comprising: - a plurality of collection fingers (12); - a plurality of metallisation pads (13-1, 13-2, 13-3) that are aligned with the collection fingers (12); - first and second lines (15, 17) for retaining an adhesive (16) having first segments (15-1, 17-1) and second segments (15-2, 17- 2); and in that the first segments (15-1, 17-1) and second segments (15-2, 17- 2) form, with the plurality of metallisation pads (13-1, 13-2, 13-3), in the region of each collection finger (12), first and second closed outlines encircling first and second zones of the substrate having a common edge that is formed by a metallisation pad (13-1, 13-2, 13-3) and that is connected to at least one collection finger (12).

IPC 8 full level  
**H01L 31/0224** (2006.01); **H01L 31/05** (2014.01); **H01L 31/068** (2012.01); **H01L 31/0747** (2012.01); **H01L 31/18** (2006.01)

CPC (source: CN EP)  
**H01L 31/022425** (2013.01 - CN); **H01L 31/022433** (2013.01 - EP); **H01L 31/0504** (2013.01 - EP); **H01L 31/0508** (2013.01 - CN); **H01L 31/068** (2013.01 - CN EP); **H01L 31/0747** (2013.01 - CN EP); **H01L 31/1804** (2013.01 - CN EP); **H01L 31/1876** (2013.01 - CN); **Y02E 10/50** (2013.01 - EP); **Y02E 10/547** (2013.01 - EP); **Y02P 70/50** (2015.11 - EP)

Citation (search report)  
See references of WO 2020109408A1

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)  
**FR 3089060 A1 20200529; FR 3089060 B1 20221230**; CN 113302746 A 20210824; CN 113611757 A 20211105; EP 3888135 A1 20211006; EP 3926692 A1 20211222; WO 2020109408 A1 20200604

DOCDB simple family (application)  
**FR 1871915 A 20181127**; CN 201980088060 A 20191127; CN 202110911174 A 20191127; EP 19812768 A 20191127; EP 2019082785 W 20191127; EP 21176437 A 20191127