

Title (en)
PHOTOVOLTAIC STRINGS AND CELLS

Title (de)
FOTOVOLTAISCHE STRINGS UND ZELLEN

Title (fr)
CELLULES ET CHAÎNES PHOTOVOLTAÏQUES

Publication
EP 4348718 A1 20240410 (FR)

Application
EP 22730908 A 20220531

Priority
• FR 2105901 A 20210604
• EP 2022064719 W 20220531

Abstract (en)
[origin: WO2022253813A1] One aspect of the invention relates to a photovoltaic cell (CELL) comprising a distribution track (DIS1) extending parallel to one edge (BA) and a plurality of collection fingers (COL), the photovoltaic cell being noteworthy in that the width (WDIS1) of the distribution track (DIS1) is larger than the width (WCOL) of each collection finger (COL); and in that a plurality of interconnect conductors (INT) are electrically connected to the distribution track (DIS1) and extend between said edge (BA) and the distribution track (DIS1); and in that it comprises at least one free segment (LC) of its face (AV), bounded at least partially by the distribution track (DIS1), the edge (BA) and two consecutive interconnect conductors (INT).

IPC 8 full level
H01L 31/042 (2014.01); **H01L 31/02** (2006.01); **H01L 31/05** (2014.01)

CPC (source: EP US)
H01L 31/0201 (2013.01 - EP US); **H01L 31/042** (2013.01 - EP); **H01L 31/0504** (2013.01 - EP); **H01L 31/0508** (2013.01 - EP US); **Y02E 10/50** (2013.01 - EP)

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
FR 3123761 A1 20221209; FR 3123761 B1 20240531; EP 4348718 A1 20240410; US 2024290892 A1 20240829; WO 2022253813 A1 20221208

DOCDB simple family (application)
FR 2105901 A 20210604; EP 2022064719 W 20220531; EP 22730908 A 20220531; US 202218564943 A 20220531