

Title (en)
DEVICE FOR PROTECTING A PHOTOVOLTAIC MODULE AGAINST HOT SPOTS AND PHOTOVOLTAIC MODULE EQUIPPED WITH SAME

Title (de)
VORRICHTUNG GEGEN HOT SPOT FÜR PHOTOVOLTAISCHES MODUL UND PHOTOVOLTAISCHES MODUL MIT EINER SOLCHEN VORRICHTUNG

Title (fr)
DISPOSITIF ANTI-POINTS CHAUDS POUR MODULE PHOTOVOLTAIQUE ET MODULE PHOTOVOLTAIQUE EQUIPE D'UN TEL DISPOSITIF

Publication
EP 1275157 A1 20030115 (FR)

Application
EP 01927977 A 20010417

Priority
• FR 0101172 W 20010417
• FR 0004976 A 20000418

Abstract (en)
[origin: WO0180321A1] The invention concerns a device for protecting a photovoltaic module (10) against hot spots, comprising: a branch diode (20) of the photovoltaic module, means (36, 40) for detecting at least an operating characteristic of the photovoltaic module, and means (22, 34) for isolating the photovoltaic module (10) from the chain in response to detection of an anomalous operating characteristic.

IPC 1-7
H01L 31/02

IPC 8 full level
H01L 31/04 (2006.01); **H01L 31/00** (2006.01); **H01L 31/02** (2006.01); **H01L 31/042** (2006.01); **H01L 31/05** (2006.01); **H02H 3/18** (2006.01); **H02H 5/00** (2006.01); **H02H 7/10** (2006.01); **H02J 7/00** (2006.01); **H02J 7/35** (2006.01)

IPC 8 main group level
H01L (2006.01)

CPC (source: EP US)
H01L 31/02021 (2013.01 - EP US); **H02J 7/00309** (2020.01 - EP); **H02J 7/0031** (2013.01 - EP US); **H02J 7/35** (2013.01 - EP US); **Y02E 10/56** (2013.01 - EP US)

Citation (search report)
See references of WO 0180321A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0180321 A1 20011025; AU 5486101 A 20011030; AU 773348 B2 20040520; CA 2406449 A1 20011025; EP 1275157 A1 20030115; FR 2807882 A1 20011019; FR 2807882 B1 20020524; JP 2004501506 A 20040115; US 2003159728 A1 20030828; ZA 200208345 B 20031013

DOCDB simple family (application)
FR 0101172 W 20010417; AU 5486101 A 20010417; CA 2406449 A 20010417; EP 01927977 A 20010417; FR 0004976 A 20000418; JP 2001577615 A 20010417; US 25736902 A 20021016; ZA 200208345 A 20021016