

Title (en)
Connector for photovoltaic systems

Title (de)
Stecker für Photovoltaikanlagen

Title (fr)
Connecteur pour installations photovoltaïques

Publication
EP 2249439 A3 20101222 (DE)

Application
EP 10004797 A 20100506

Priority
DE 102009019860 A 20090506

Abstract (en)
[origin: EP2249439A2] The connector has a segmented traction relief unit (2) and a sealing unit (3), which is pushed from traction relief unit in to a sealing position within a mounting connector. Segments are provided, which are connected with each other by film elements, and which form a clamping ring. The clamping ring is cut in a cable. The traction relief unit is formed with a front surface of the clamping ring to push the sealing unit.

IPC 8 full level
H01R 13/58 (2006.01)

CPC (source: EP)
H01R 13/5205 (2013.01); **H01R 13/59** (2013.01); **H01R 24/28** (2013.01); **H01R 4/188** (2013.01); **H01R 13/432** (2013.01); **H01R 2101/00** (2013.01)

Citation (search report)

- [A] EP 0307631 A1 19890322 - LAPP KG U I [DE]
- [A] US 3667783 A 19720606 - SOTOLONGO THOMAS J
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Cited by
CN115764410A; CN103688419A; US8523609B2; WO2012173915A1; DE202017106741U1; WO2024164457A1

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 SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 10004797 A 20100506; DE 102009019860 A 20090506