

Title (en)

ELECTRIC WALL FEEDTHROUGH FOR SOLAR INSTALLATIONS

Title (de)

ELEKTRISCHE WANDDURCHFÜHRUNG FÜR SOLARANLAGEN

Title (fr)

TRAVERSÉE MURALE ÉLECTRIQUE POUR INSTALLATION SOLAIRE

Publication

EP 2826103 A1 20150121 (DE)

Application

EP 13709191 A 20130312

Priority

- DE 102012005043 A 20120315
- EP 2013055003 W 20130312

Abstract (en)

[origin: WO2013135698A1] The invention relates to a wall feedthrough (1, 2), which is pluggable on one side, for connecting a voltage-conducting conductor (135) of a solar generator to a terminal housing, comprising: a two-part connector housing (102, 202) with a front housing part (104, 204) and an insert part (106) which can be moved together with an electric terminal element (114, 214) as one unit relative to the front housing part. The terminal element is pluggable on one side (118, 218) and has a spring clamp (120, 220) on the other side. The spring clamp is surrounded by a body casing (110, 210) of the front housing part in the closed state, and the clamping device (120, 220) is pulled out of the body casing (110, 210) in the open state so as to be openable and closable. For this purpose, the insert part has an exposed handle portion (150) for the user.

IPC 8 full level

H01R 13/506 (2006.01); **H01R 4/48** (2006.01); **H01R 13/74** (2006.01); **H01R 101/00** (2006.01)

CPC (source: EP US)

H01B 17/583 (2013.01 - US); **H01L 25/162** (2013.01 - EP); **H01R 4/4821** (2023.08 - EP US); **H01R 4/4833** (2023.08 - EP US);
H01R 13/506 (2013.01 - EP US); **H01R 13/746** (2013.01 - EP US); **H02G 3/0616** (2013.01 - US); **H01L 2924/0002** (2013.01 - EP);
H01R 11/11 (2013.01 - EP); **H01R 2101/00** (2013.01 - EP US); **H05K 1/144** (2013.01 - EP); **H05K 2201/10265** (2013.01 - EP)

C-Set (source: EP)

H01L 2924/0002 + H01L 2924/00

Citation (examination)

DE 102011112283 A1 20130307 - PHOENIX CONTACT GMBH & CO [DE]

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)

DE 102012005043 A1 20130919; AU 2013231335 A1 20141002; AU 2013231335 B2 20151126; CN 104205512 A 20141210;
CN 104205512 B 20161019; DE 202012013480 U1 20170216; EP 2826103 A1 20150121; JP 2015513779 A 20150514;
JP 6010142 B2 20161019; US 2015047898 A1 20150219; US 9413148 B2 20160809; WO 2013135698 A1 20130919

DOCDB simple family (application)

DE 102012005043 A 20120315; AU 2013231335 A 20130312; CN 201380013074 A 20130312; DE 202012013480 U 20120315;
EP 13709191 A 20130312; EP 2013055003 W 20130312; JP 2014561420 A 20130312; US 201314382786 A 20130312