

Title (en)
CONNECTING ELEMENT

Title (de)
VERBINDUNGSELEMENT

Title (fr)
ÉLÉMENT DE CONNEXION

Publication
EP 3485538 A1 20190522 (DE)

Application
EP 17734766 A 20170706

Priority
• EP 16179977 A 20160718
• EP 2017066934 W 20170706

Abstract (en)
[origin: WO2018015170A1] A connecting element (1) serves to establish electrical contact between two busbars. The connecting element (1) comprises a housing (2) with an interior (20) and a contact element (3) which is mounted in the interior (20). The contact element (3) comprises at least one resilient contact web (32) and defines a substantially flat plane (39). The contact element (3) divides the interior (20) along the plane (39) into at least a first receiving space (21) for receiving a first busbar (4) and a second receiving space (22) for receiving a second busbar (5), wherein the contact element (3) establishes electrical contact between the first busbar (4) and the second busbar (5) by way of the at least one contact web (32).

IPC 8 full level
H01R 13/187 (2006.01); **H01R 4/48** (2006.01); **H01R 13/11** (2006.01); **H01R 25/16** (2006.01)

CPC (source: EP KR US)
H01R 4/4881 (2013.01 - KR US); **H01R 13/113** (2013.01 - KR US); **H01R 13/187** (2013.01 - EP KR US); **H01R 25/162** (2013.01 - KR US); **H01R 4/4881** (2013.01 - EP); **H01R 13/113** (2013.01 - EP); **H01R 25/162** (2013.01 - EP); **H01R 2201/26** (2013.01 - EP KR US)

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Designated extension state (EPC)
BA ME

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WO 2018015170 A1 20180125; CN 109478737 A 20190315; CN 109478737 B 20201103; EP 3485538 A1 20190522; JP 2019522327 A 20190808; JP 6951413 B2 20211020; KR 102342616 B1 20211223; KR 20190026915 A 20190313; US 10770848 B2 20200908; US 2019288467 A1 20190919

DOCDB simple family (application)
EP 2017066934 W 20170706; CN 201780044635 A 20170706; EP 17734766 A 20170706; JP 2019502166 A 20170706; KR 20197004430 A 20170706; US 201716318407 A 20170706