

Title (en)
Connecting device for a stranded conductor

Title (de)
Anschlusseinrichtung für Litzenleiter

Title (fr)
Dispositif de connection pour un conducteur toronné

Publication
EP 1742299 B1 20131211 (DE)

Application
EP 06013296 A 20060628

Priority
DE 102005031281 A 20050705

Abstract (en)
[origin: EP1742299A2] The device has a clamping shoulder formed on a connection region against a point, and an axially adjustable carriage unit (20) arranged with a through-hole on chambers (11) for insertion of a braided wire. A clamp sleeve (40) is supportably fixed to the carriage unit in an axial adjustment of the through-hole. The sleeve is suspended and ablated together with the carriage unit on a connection region (52) of a bolt or sleeve contact. A radial, fixed force of the sleeve acts on the braided wire inserted between the sleeve and the shoulder.

IPC 8 full level
H01R 4/50 (2006.01)

CPC (source: EP US)
H01R 4/5033 (2013.01 - EP US); **H01R 4/52** (2013.01 - EP US); **H01R 9/24** (2013.01 - EP US); **H01R 13/4368** (2013.01 - EP US)

Cited by
DE102016113974A1; GB2559528A; RU2698470C1; GB2559528B; DE102016113974B4; WO2017093711A1; US10566708B2;
DE202016008409U1; DE102018131310A1; WO2020114557A1; US11901688B2; WO2018019329A1; US10855002B2

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 1742299 A2 20070110; EP 1742299 A3 20130220; EP 1742299 B1 20131211; CA 2551382 A1 20070105; CA 2551382 C 20091006;
CN 100420095 C 20080917; CN 1893188 A 20070110; DK 1742299 T3 20140310; ES 2447773 T3 20140312; JP 2007019020 A 20070125;
JP 4250639 B2 20090408; PL 1742299 T3 20140530; US 2007010135 A1 20070111; US 7249980 B2 20070731

DOCDB simple family (application)
EP 06013296 A 20060628; CA 2551382 A 20060630; CN 200610106232 A 20060705; DK 06013296 T 20060628; ES 06013296 T 20060628;
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