

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 A3 20130220 (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)

Citation (search report)

- [YDA] DE 10145324 C2 20030731 - HARTING KGAA [DE]
- [YA] DE 10143008 A1 20030320 - CONINVERS ELEKTROTECHNISCHE BAUELEMENTE GMBH [DE]
- [A] WO 2005020375 A1 20050303 - MULTI HOLDING AG [CH], et al
- [A] DE 19851529 A1 20000511 - CONINVERS ELEKTROTECHNISCHE BAUELEMENTE GMBH [DE]

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

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

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; JP 2006185531 A 20060705; PL 06013296 T 20060628; US 42610806 A 20060623