

Title (en)

DETACHABLE ASSEMBLY OF A HIGH CURRENT CABLE AND A CURRENT-CARRYING BUS BAR THAT EXTENDS HORIZONTALLY

Title (de)

LÖSBARE ZUSAMMENFASSUNG EINES HOCHSTROMKABELS (HS-KABEL) MIT EINER SICH IN DER HORIZONTAL EN ERSTRECKENDEN, STROMFÜHRENDEN SAMMELSCHIENE

Title (fr)

ASSEMBLAGE LIBÉRABLE D'UN CÂBLE POUR COURANTS FORTS ET D'UNE BARRE COLLECTRICE ÉLECTROCONDUCTRICE S'ÉTENDANT À L'HORIZONTALE

Publication

**EP 1741161 B1 20090121 (DE)**

Application

**EP 05737779 A 20050415**

Priority

- EP 2005003993 W 20050415
- DE 102004019414 A 20040419

Abstract (en)

[origin: WO2005101578A1] To facilitate the assembly of a high current cable and a current-carrying bus bar that extends horizontally, the high current cable being suspended from said bus bar, a contact pocket (21) with a vertical division is used as the connection piece (32), said pocket being adapted to the cross-section of the solid connection piece (32) of the high-current cable (31). One of the sub-sections (first sub-section 211) of said pocket is fixed to the bus bar (12) and the second sub-section (212) is hinged (26) on the first sub-section (211) so that it can pivot in relation to the latter (211). The solid connection piece (32) of the high-current cable (31), which is pivoted in relation to the first sub-section (211) and is allocated to the first sub-section (211) of the contact pocket (21) by a horizontal displacement, is fixed in the recess formed by the first sub-section (211) and the second sub-section (212) of the contact pocket (21) and is fastened to the first sub-section (211) by releasable screw connections (26).

IPC 8 full level

**H01R 4/40** (2006.01); **H01R 4/30** (2006.01)

CPC (source: EP KR US)

**H01R 4/28** (2013.01 - KR); **H01R 4/30** (2013.01 - KR); **H01R 4/305** (2013.01 - EP US); **H01R 4/38** (2013.01 - KR); **H01R 4/40** (2013.01 - EP KR US)

Cited by

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**WO 2005101578 A1 20051027**; AT E421782 T1 20090215; DE 102004019414 A1 20051103; DE 502005006536 D1 20090312; EP 1741161 A1 20070110; EP 1741161 B1 20090121; ES 2319793 T3 20090512; JP 2007533112 A 20071115; KR 100892549 B1 20090409; KR 20070006908 A 20070111; PL 1741161 T3 20090731; SI 1741161 T1 20090630; US 2008020643 A1 20080124; US 7445450 B2 20081104; ZA 200609586 B 20080730

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