

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 HORIZONTALEN 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  
WO2015142299A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**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

DOCDB simple family (application)  
**EP 2005003993 W 20050415**; AT 05737779 T 20050415; DE 102004019414 A 20040419; DE 502005006536 T 20050415; EP 05737779 A 20050415; ES 05737779 T 20050415; JP 2007508794 A 20050415; KR 20067023919 A 20061115; PL 05737779 T 20050415; SI 200530630 T 20050415; US 58739806 A 20061018; ZA 200609586 A 20050415