

Title (en)  
HIGHVOLTAGECONNECTOR

Title (de)  
HOCHSTROMSTECKVERBINDER

Title (fr)  
CONNECTEUR POUR HAUTE TENSION

Publication  
**EP 2599165 B1 20140806 (DE)**

Application  
**EP 11724973 A 20110609**

Priority  
• DE 202010010827 U 20100729  
• EP 2011002856 W 20110609

Abstract (en)  
[origin: CA2803099A1] The invention relates to a high-current plug-in connector for transmitting electrical currents, comprising a housing (10) made of electrically conducting material, wherein said housing is designed to mechanically and electrically connect to a cable, has at least one open side (14) for inserting a mating plug-in connector (12) made of an electrically conducting material, and forms a chamber for accommodating the mating plug-in connector (12), and at least one contact element (18), which is arranged on the housing (10) and designed in such a way that the contact element establishes an electrical contact having a contact area and a contact pressure between the housing (10) and a mating plug-in connector (12) inserted into the housing (10), wherein the contact element (18) is designed as a coil spring.

IPC 8 full level  
**H01R 13/187** (2006.01); **H01R 13/24** (2006.01)

CPC (source: EP KR US)  
**H01R 13/187** (2013.01 - EP KR US); **H01R 13/24** (2013.01 - KR)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**DE 202010010827 U1 20101021**; CA 2803099 A1 20120202; CA 2803099 C 20180529; CN 103038949 A 20130410; CN 103038949 B 20150429; EP 2599165 A1 20130605; EP 2599165 B1 20140806; HK 1183379 A1 20131220; JP 2013535777 A 20130912; JP 5827329 B2 20151202; KR 101792090 B1 20171101; KR 20130105598 A 20130925; TW M416925 U 20111121; US 2013130556 A1 20130523; US 8764489 B2 20140701; WO 2012013258 A1 20120202

DOCDB simple family (application)  
**DE 202010010827 U 20100729**; CA 2803099 A 20110609; CN 201180037362 A 20110609; EP 11724973 A 20110609; EP 2011002856 W 20110609; HK 13110540 A 20130912; JP 2013520981 A 20110609; KR 20137002852 A 20110609; TW 100212896 U 20110714; US 201113812789 A 20110609