

Title (en)  
PLUG CONNECTOR MODULE

Title (de)  
STECKVERBINDERMODUL

Title (fr)  
MODULE DE CONNECTEUR ENFICHABLE

Publication  
**EP 3014707 B2 20230405 (DE)**

Application  
**EP 15745380 A 20150623**

Priority  

- DE 102014108847 A 20140625
- DE 2015100253 W 20150623

Abstract (en)  
[origin: CA2917975A1] The invention relates to a plug connector module (1) for use in a retaining frame (8) of a modular plug connector. The plug connector module (1) is provided to make electrical contact with the retaining frame (8). A housing that forms the plug connector module (1) is therefore metallic and can be connected to the retaining frame (8) in a mechanical and electrically conductive manner by means of a first type of fastening means (5) and a second type of fastening means (7).

IPC 8 full level  
**H01R 9/26** (2006.01); **H02B 1/052** (2006.01)

CPC (source: CN EP RU US)  
**H01R 9/2608** (2013.01 - CN EP US); **H01R 9/2691** (2013.01 - CN EP US); **H01R 13/42** (2013.01 - US); **H01R 9/26** (2013.01 - RU)

Citation (opposition)

Opponent :

- EP 1398853 A2 20040317 - HARTING ELECTRIC GMBH & CO KG [DE]
- US 2010291800 A1 20101118 - LIU HENG [CN], et al
- DE 4222452 A1 19930114 - AMP INC [US]
- DE 102013108383 A1 20150205 - HARTING ELECTRIC GMBH & CO KG [DE]
- CN 202454831 U 20120926 - WENLIANG XU
- EP 2058904 A2 20090513 - AMPHENOL TUCHEL ELECT [DE]
- DE 29602740 U1 19960411 - PHOENIX CONTACT GMBH & CO [DE]
- "HVS High Variable System - Modul-System Übersicht", TE KATALOG 1308159-1, July 2011 (2011-07-01)
- "Han-Modular®", HARTING BROCHURE, 25 June 2009 (2009-06-25), pages 06-01 - 06-20
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- "Harting Han-Modular", 29 April 2014 (2014-04-29), Retrieved from the Internet <URL:[https://web.archive.org/web/20140429052607/www.steckerladen.de/Industriesteckverbinder/Harting/Han-Modular:::1\\_2\\_214.html](https://web.archive.org/web/20140429052607/www.steckerladen.de/Industriesteckverbinder/Harting/Han-Modular:::1_2_214.html)>

Designated contracting state (EPC)

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DOCDB simple family (publication)

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EP 3014707 B2 20230405; ES 2646543 T3 20171214; HU E037081 T2 20180828; JP 2016528689 A 20160915; JP 6081023 B2 20170215;  
NO 2780523 T3 20180324; PL 3014707 T3 20180131; RU 2627500 C1 20170808; US 2017117655 A1 20170427; US 9793638 B2 20171017;  
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DE 202015009753 U 20150623; DK 15745380 T 20150623; EP 15745380 A 20150623; ES 15745380 T 20150623;  
HU E15745380 A 20150623; JP 2016530350 A 20150623; NO 12799382 A 20121114; PL 15745380 T 20150623; RU 2016106361 A 20150623;  
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