

Title (en)  
SYSTEM PLUG CONNECTOR

Title (de)  
SYSTEMSTECKVERBINDER

Title (fr)  
CONNECTEUR DE SYSTÈME

Publication  
**EP 2510589 B1 20160817 (DE)**

Application  
**EP 09812484 A 20091209**

Priority  
EP 2009008780 W 20091209

Abstract (en)  
[origin: WO2011069522A1] The invention relates to a system plug connector (1) for a plug connection of electrical conductors, which system plug connector accommodates plug modules (40) having electrical contacts retained therein, which are initially inserted perpendicularly into an area of a retaining frame (10, 20), in which a plug insert (30) locked therein is arranged, and then moved laterally in the retaining frame by 90° and retained. The housing frame (10, 20) is designed as a self-supporting part of the system plug connector for accommodating the plug modules (40) and can be protected against environmental influences by means of an enclosing housing. Furthermore, the plug modules (40), in contrast to previously common arrangements in plug connectors, can be inserted into the retaining frame (10, 20) and removed therefrom on both sides, in other words in the plugging direction or opposite the plugging direction.

IPC 8 full level  
**H01R 13/52** (2006.01); **H01R 13/518** (2006.01)

CPC (source: EP KR US)  
**H01R 13/518** (2013.01 - EP KR US); **H01R 13/52** (2013.01 - US); **H01R 13/5213** (2013.01 - EP US)

Citation (examination)

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WO2019080963A1; EP3863124A1; US11152738B2; DE102021126400A1; WO2023061530A1

Designated contracting state (EPC)  
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 SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2011069522 A1 20110616**; BR 112012013831 A2 20160503; CA 2783506 A1 20110616; CA 2783506 C 20150203;  
CN 102668260 A 20120912; CN 102668260 B 20150513; DK 2510589 T3 20161128; EP 2510589 A1 20121017; EP 2510589 B1 20160817;  
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DOCDB simple family (application)  
**EP 2009008780 W 20091209**; BR 112012013831 A 20091209; CA 2783506 A 20091209; CN 200980162819 A 20091209;  
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