

Title (en)  
PLUG CONNECTION DEVICE

Title (de)  
STECKVERBINDUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE CONNEXION

Publication  
**EP 2417674 A1 20120215 (DE)**

Application  
**EP 10711194 A 20100319**

Priority  
• EP 2010053587 W 20100319  
• DE 102009002242 A 20090407

Abstract (en)  
[origin: WO2010115693A1] The invention relates to a plug connection device, comprising a plug (7) which has contacts (8) and comprising mating contacts (4) arranged on a substrate (2), wherein the contacts (8) are intended for electrical contacting of the mating contacts (4). According to the invention, the plug (7) has at least one recess (18) for accommodating an element (10) arranged on the substrate (2).

IPC 8 full level  
**H01R 12/72** (2011.01); **H01R 12/88** (2011.01); **H01R 13/502** (2006.01); **H01R 13/66** (2006.01)

CPC (source: EP US)  
**H01R 12/721** (2013.01 - EP US); **H01R 12/88** (2013.01 - EP US); **H01R 13/502** (2013.01 - EP US); **H01R 13/6658** (2013.01 - EP US)

Citation (search report)  
See references of WO 2010115693A1

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)  
**DE 102009002242 A1 20101014**; CN 102369639 A 20120307; CN 102369639 B 20140702; EP 2417674 A1 20120215; EP 2417674 B1 20151202; JP 2012523095 A 20120927; JP 5204924 B2 20130605; US 2012015557 A1 20120119; US 8608500 B2 20131217; WO 2010115693 A1 20101014

DOCDB simple family (application)  
**DE 102009002242 A 20090407**; CN 201080014644 A 20100319; EP 10711194 A 20100319; EP 2010053587 W 20100319; JP 2012503946 A 20100319; US 201013259234 A 20100319