

Title (en)
PLUG AND CORD EQUIPPED WITH PLUG

Title (de)
STECKER UND KABEL MIT DEM STECKER

Title (fr)
PRISE ET CORDON ÉQUIPÉ D'UNE PRISE

Publication
EP 2933880 A4 20160615 (EN)

Application
EP 12889936 A 20121211

Priority
JP 2012082048 W 20121211

Abstract (en)
[origin: EP2933880A1] The present invention provides an attachment plug 120 that includes a decreased number of components and is commonly usable for plug receptacles of different standards. The attachment plug 120 is connectable to a plug receptacle 200 of the German standards and a plug receptacle 300 of the French standards. The attachment plug 120 includes a ground terminal 30 formed of an integral body including a first terminal 32, which is a German ground terminal 35, and a second terminal 33 including a German ground terminal 37 and a French ground terminal 38. The housing 40 has a first opening 46 into which the first terminal 32 is inserted and a second opening 47 into which the second terminal 33 is inserted. The ground terminal 30 includes a first flat plate 36 and a second flat plate 39 respectively closing the first opening 46 and the second opening 47.

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Citation (search report)

- [XAI] JP H01166980 U 19891122
- [A] DE 20010625 U1 20000921 - GEM MACHINERY IND CO LTD [TW]
- [A] DE 202010010439 U1 20111107 - WAIBLE THOMAS [DE]
- [A] CN 2439125 Y 20010711 - SANHUI ELECTRIC WIRE FACTORY S [CN]
- [A] DE 9114273 U1 19920305
- [A] CN 201025654 Y 20080220 - CHUNYI SCIENT HOLDING CO LTD [CN]
- [A] JP 2010272244 A 20101202 - I PEX CO LTD
- See references of WO 2014091552A1

Cited by
EP4207544A1

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