

Title (en)

Modular round plug

Title (de)

Modulare Rundsteckverbindung

Title (fr)

Connecteur coaxial modulaire

Publication

EP 1936752 A3 20091216 (DE)

Application

EP 07123335 A 20071217

Priority

DE 202006019235 U 20061219

Abstract (en)

[origin: EP1936752A2] The modular circular plug connection has different transmission requirements like high current supply and signal transmissions. An open sleeve is provided at its both front sides and rotated around an angle limited between two clutch parts (connector 10, bushing 12) by the contacts connected in two directions. The sleeve has axially double sided projection at its inner edges.

IPC 8 full level

H01R 13/625 (2006.01)

CPC (source: EP)

H01R 13/625 (2013.01); **H01R 13/6592** (2013.01); **H01R 13/639** (2013.01)

Citation (search report)

- [X] WO 0045469 A1 20000803 - BADGER METER INC [US], et al
- [X] US 6454576 B1 20020924 - HEDRICK PAUL [US], et al
- [A] US 5662488 A 19970902 - ALDEN PETER H [US]

Cited by

US9437970B2; KR20180122339A; CN106252958A; US2014295690A1; CN104170179A; DE202015105928U1; US10418756B2; WO2017132959A1; WO2017133224A1; DE102015119087A1; WO2017076781A1; US10424879B2; WO2013068509A1; DE102012203459A1; DE202012013360U1; EP2777096B1; EP2777096B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1936752 A2 20080625; **EP 1936752 A3 20091216**; **EP 1936752 B1 20120222**; AT E546862 T1 20120315; DE 202006019235 U1 20080508; ES 2384254 T3 20120703; PL 1936752 T3 20120831

DOCDB simple family (application)

EP 07123335 A 20071217; AT 07123335 T 20071217; DE 202006019235 U 20061219; ES 07123335 T 20071217; PL 07123335 T 20071217