

Title (en)
plug and socket assembly

Title (de)
Stecker und Steckbuchsen Anordnung

Title (fr)
Ensemble de prises électriques

Publication
EP 2595252 B1 20161214 (FR)

Application
EP 12306116 A 20120917

Priority
FR 1103465 A 20111115

Abstract (en)
[origin: EP2595252A1] The assembly has a card and an electric base that are adapted to collaborate with respect to each other in a removable manner. The card comprises two electric tracks (11, 12) that are allowed to collaborate with electric contacts (21, 22) of the base. A magnetic control unit i.e. ring magnet (13), is arranged for displacement of the electric contacts from one position to another position. An unlocking unit is arranged to reduce power ratio between the control force and another control force at the time of separation of the card.

IPC 8 full level
H01R 13/453 (2006.01); **H01R 13/62** (2006.01); **H01R 13/635** (2006.01); **H01R 24/38** (2011.01); **H01R 13/24** (2006.01)

CPC (source: EP)
H01R 13/4538 (2013.01); **H01R 13/6205** (2013.01); **H01R 13/635** (2013.01); **H01R 24/38** (2013.01); **H01R 13/2421** (2013.01)

Cited by
WO2014202849A1; CN106058567A; FR3007588A1; US2018277993A1; CN113165542A; AT516771A1; AT516771B1; WO2015059163A1; WO2024061603A1; WO2022254467A1; US10483693B2; US11780340B2; US12043128B2; WO2017216458A1; US10008815B2; US11050187B2; FR3120275A1; WO2022184566A1; US11491884B2; WO2017052545A1; WO2020089381A1; WO2020089392A1; WO2020089390A1

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2595252 A1 20130522; EP 2595252 B1 20161214; CN 103107457 A 20130515; CN 103107457 B 20161221; FR 2982710 A1 20130517

DOCDB simple family (application)
EP 12306116 A 20120917; CN 201210459166 A 20121115; FR 1103465 A 20111115