

Title (en)
Plug connector assembly

Title (de)
Steckverbinderanordnung

Title (fr)
Ensemble de connecteur de prise

Publication
EP 2148397 A2 20100127 (EN)

Application
EP 09251827 A 20090717

Priority
JP 2008190332 A 20080723

Abstract (en)
A plug connector assembly is provided in which an inserting force is obtained reliably when a pressing part is pressed. The plug connector assembly (P) comprises: housing (100) having a body (110), a central plug part (120) extending from the body (110) towards the fitting side, and a plurality of leg parts (130) extending from the body (110) towards the fitting side; and a control member (200) having a plate-like operating member (210), and a plurality of guiding members (220) extending from the operating member (210) towards the fitting side. When the hooking parts (131) of the leg parts (130) are pressed towards the central plug part (120), the hooking parts (131) will be displaced to approach towards the central plug part (120), and when the hooking parts (131) are pulled towards the fitting side, the hooking parts (131) will be restrained from being displaced towards the central plug part (120).

IPC 8 full level
H01R 13/627 (2006.01); **H01R 13/641** (2006.01)

CPC (source: EP)
H01R 13/6273 (2013.01); **H01R 13/641** (2013.01); **H01R 2201/26** (2013.01)

Citation (applicant)
• EP 1184232 A2 20020306 - TOYOTA MOTOR CO LTD [JP], et al
• DE 19704991 A1 19970814 - WHITAKER CORP [US]

Cited by
CN108832358A; CN109616807A; DE102013212437A1; CN111630727A; US11623532B2

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

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2148397 A2 20100127; **EP 2148397 A3 20130327**; **EP 2148397 B1 20160511**; JP 2010027522 A 20100204

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