

Title (en)
ELECTRICAL CONNECTOR

Title (de)
ELEKTRISCHER STECKVERBINDER

Title (fr)
CONNECTEUR ÉLECTRIQUE

Publication
EP 3232518 B1 20181212 (EN)

Application
EP 17159798 A 20170308

Priority
JP 2016080120 A 20160413

Abstract (en)
[origin: EP3232518A1] In a connector (10), a lever (300) and sliders (400) are attached to a housing (200). The lever (300) is rotatable between an initial position and a mated position. The sliders (400) are movable between a front-end position and a rear-end position. The lever (300) has pinion portions (330). The sliders (400) have rack portions (410). The pinion portions (330) and the rack portions (410) are engaged with each other. Turning the lever (300) moves the sliders (400) between the rear-end position and the front-end position. When the lever (300) is in the mated position, a regulating portion (234) regulates a regulated portion (314) to limit movement of the lever (300). Press mechanisms (340) apply force to the lever (300) to press the regulated portion (314) against the regulating portion (234). Retain mechanisms (340) retain the sliders (400) in the front-end position.

IPC 8 full level
H01R 13/629 (2006.01)

CPC (source: EP)
H01R 13/62944 (2013.01); **H01R 13/62955** (2013.01); **H01R 13/62977** (2013.01); **H01R 13/62922** (2013.01)

Cited by
US11749946B2; US2021281014A1; US11699877B2; US11888260B2

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 3232518 A1 20171018; **EP 3232518 B1 20181212**; JP 2017191704 A 20171019; JP 6634332 B2 20200122

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EP 17159798 A 20170308; JP 2016080120 A 20160413