

Title (en)
LOCKING DEVICE

Title (de)
VERSCHLUSSVORRICHTUNG

Title (fr)
DISPOSITIF DE FERMETURE

Publication
EP 2782468 A1 20141001 (DE)

Application
EP 12746036 A 20120709

Priority
• DE 102011086960 A 20111123
• EP 2012063396 W 20120709

Abstract (en)
[origin: WO2013075851A1] A locking device (1) for connecting two parts comprises a connector (2) and a housing (3) that comprises a connector holder (30), into which the connector (2) for closing the locking device (1) can be inserted in a closing direction (X). A slide (4) that is displaceably arranged on the housing (3) can be displaced for opening the locking device (1) along an opening direction (Y) that differs from the closing direction (X), and a catch spring element (41) holds the connector (2) in contact with the housing (3) when the locking device (1) is in a closing position, and in order to open the locking device (1), can be moved out of engagement with the connector (2) by displacing the slide (4) in the opening direction (Y), in order to detach the connector (2) from the housing (3), so that the connector (2) is separated from the housing (3) when the locking device (1) is in an opening position. At least one guide element (301, 302) is also provided, which guides the connector (2), during insertion into the connector holder (30) for closing the locking device (1), along the closing direction (X) into the closing position, and which supports the connector (2) during displacement of the slide (4) for opening the locking device (1) to prevent tipping relative to the closing direction (X). A locking device (1) that can be closed and opened again in a simple and haptically agreeable manner is thus created.

IPC 8 full level
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CPC (source: EP US)
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Citation (search report)
See references of WO 2013075851A1

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