

Title (en)
Connector with self holding locking device

Title (de)
Verbinder mit Selbsthaltefeststellvorrichtung

Title (fr)
Connecteur avec dispositif de verrouillage automatique

Publication
EP 2180558 A1 20100428 (EN)

Application
EP 08018555 A 20081023

Priority
EP 08018555 A 20081023

Abstract (en)
The invention relates to a connector (2) comprising at least one pivot (4) and at least one lever (5) configured to rotate on a pivot axis (P) in the locking direction (K) into a mating position. The invention relates further to a connector assembly (1) comprising a connector (2) and a counter connector (3). According to the invention the safety of a connection built up by a connector according to the invention is improved by a lever (5) which has a locking face (9a) pointing substantially against the mating direction (M), the normal vector (N) of the locking face (9a) passing the pivot axis (P) on the locking face side (L) of the lever (5) or by a lever (5) which is configured to transmit a holding force (E) from the connector to the counter connector (3) which is pointing substantially against the mating direction (M), the force vector (E') of the holding force (E) passing the pivot axis (P) on the lever side.

IPC 8 full level
H01R 13/629 (2006.01); **H01R 13/639** (2006.01)

CPC (source: EP)
H01R 13/62938 (2013.01); **H01R 13/62955** (2013.01); **H01R 13/639** (2013.01)

Citation (applicant)
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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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2180558 A1 20100428; WO 2010046322 A1 20100429

DOCDB simple family (application)
EP 08018555 A 20081023; EP 2009063615 W 20091016