

Title (en)
Connector assembly with integrated lever locking system

Title (de)
Steckverbinderanordnung mit integriertem Hebelverriegelungssystem

Title (fr)
Ensemble connecteur avec système de verrouillage de levier intégré

Publication
EP 2824773 A1 20150114 (EN)

Application
EP 13176416 A 20130712

Priority
EP 13176416 A 20130712

Abstract (en)
The present invention relates to an electrical connector assembly (10) comprising a housing (200) and a mate assist mechanism comprising a lever (100) pivotably arranged on the housing (200). The lever is adapted to be movable from a preliminary mating position to a fully mated position, and the connector assembly (10) comprises holding means (120; 130) to releasably hold the lever (100) in the preliminary mating position. This is achieved by locking protrusions (121; 131), being adapted to be flexibly movable in one direction and corresponding locking receptions (122; 132) receiving said locking protrusion (121; 131) when the lever is in the preliminary mating position.

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H01R 13/629 (2006.01)

CPC (source: EP)
H01R 13/62933 (2013.01); **H01R 13/62955** (2013.01)

Citation (applicant)
• WO 2007098253 A2 20070830 - TYCO ELECTRONICS CORP [US], et al
• US 2006089031 A1 20060427 - FLOWERS ROBERT J [US], et al

Citation (search report)
• [XAI] US 2003017026 A1 20030123 - TACHI HIDESHI [JP]
• [A] US 5172998 A 19921222 - HATAGISHI YUJI [JP]
• [A] US 2005026484 A1 20050203 - DEMUTH ULRICH [DE]

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