

Title (en)

Connector with coupling assist mechanism

Title (de)

Verbinder mit Kupplungshilfsmechanismus

Title (fr)

Connecteur avec mécanisme pour assister le couplage

Publication

EP 0933836 A2 19990804 (EN)

Application

EP 99100587 A 19990114

Priority

- EP 99100587 A 19990114
- EP 98400205 A 19980130

Abstract (en)

A connector (2) has a camming slide (26) slidably mounted on a connector housing (4). The camming slide has a lever arm (50) with pinion (48) engaging a toothed rack (58) provided on the housing (4). Particularly low forces are required by an operator for mating connectors. <IMAGE>

IPC 1-7

H01R 13/629

IPC 8 full level

H01R 13/629 (2006.01)

CPC (source: EP)

H01R 13/62905 (2013.01)

Cited by

KR20170059416A; KR100895893B1; KR100866088B1; FR2823913A1; CN107453137A; KR100866087B1; CN107453094A; CN107453136A; JP2017216067A; US6857885B2; US10446980B2; WO02097929A1; WO02087027A1; WO2017129500A1; WO03055010A1; WO02073749A1; DE102022204731A1; WO2023218088A1; EP3252881A1; WO2017207506A1; JP2002280112A; DE102020202822B3; WO2021175523A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0933836 A2 19990804; EP 0933836 A3 20000322; EP 0933836 B1 20050323

DOCDB simple family (application)

EP 99100587 A 19990114