

Title (en)
Connector assembly with CPA member

Title (de)
Verbinderanordnung mit Steckerpositionssicherungselement

Title (fr)
Ensemble de connecteur avec élément CPA

Publication
EP 2863490 A1 20150422 (EN)

Application
EP 13189314 A 20131018

Priority
EP 13189314 A 20131018

Abstract (en)
The present invention relates to an electrical connector assembly (10) comprising a connector housing (20) and a mate assist member (30) being movable arranged thereon from a preliminary mating position to a fully mated position to facilitate the mating process of the connector housing (20) with a corresponding counter connector (11). The assembly is further provided with a connector position assurance (CPA) member (40) arranged movable on the connector housing (20) between a first and a second position, whereby the CPA member (40) is fixed in the first position on the housing and is adapted to be automatically released from said position upon mating of the connector housing with a corresponding counter connector.

IPC 8 full level
H01R 13/629 (2006.01); **H01R 13/641** (2006.01); **H01R 13/639** (2006.01)

CPC (source: EP)
H01R 13/62944 (2013.01); **H01R 13/62955** (2013.01); **H01R 13/641** (2013.01); **H01R 13/639** (2013.01)

Citation (applicant)
WO 2013011345 A1 20130124 - FCI AUTOMOTIVE HOLDING [FR], et al

Citation (search report)
• [XY] WO 2007098253 A2 20070830 - TYCO ELECTRONICS CORP [US], et al
• [X] US 2006211286 A1 20060921 - SHUEY JOHN R [US]
• [YA] EP 1207591 A2 20020522 - FRAMATONE CONNECTORS INT [FR]

Cited by
CN110176682A; DE202019100782U1; DE202019100781U1; EP3599672A1; US10833452B2

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2863490 A1 20150422; EP 2863490 B1 20171227

DOCDB simple family (application)
EP 13189314 A 20131018