

Title (en)

METHOD OF OPERATING MSL CONNECTOR SERIES

Title (de)

VERFAHREN ZUM BETRIEB EINER MSL-STECKVERBINDERREIHE

Title (fr)

PROCÉDÉ DE FONCTIONNEMENT D'UNE SÉRIE DE CONNECTEURS MSL

Publication

**EP 3316427 A1 20180502 (EN)**

Application

**EP 17207747 A 20171215**

Priority

US 201715407573 A 20170117

Abstract (en)

Method of operating a connector apparatus having a female connector assembly and a male connector assembly. The female connector assembly includes a female housing, a connector position assurance (CPA) member for assuring the engagement of the male connector assembly with the female connector assembly, and a first terminal position assurance (TPA) member for assuring that terminals for the female connector assembly are positioned properly. The female housing further includes a connector latch used to securely hold together a connector apparatus. The female housing has TPA protection ribs and CPA protection walls. The male housing has TPA protection ribs.

IPC 8 full level

**H01R 43/26** (2006.01); **H01R 13/436** (2006.01); **H01R 13/641** (2006.01); **H01R 13/627** (2006.01); **H01R 13/639** (2006.01)

CPC (source: CN EP)

**H01R 13/4361** (2013.01 - EP); **H01R 13/502** (2013.01 - CN); **H01R 13/641** (2013.01 - EP); **H01R 43/20** (2013.01 - CN); **H01R 43/26** (2013.01 - CN EP); **H01R 13/6271** (2013.01 - EP); **H01R 13/639** (2013.01 - EP); **H01R 2201/26** (2013.01 - CN)

Citation (search report)

- [IY] US 6135802 A 20001024 - NAKAMURA HIDETO [JP]
- [XAY] US 5830013 A 19981103 - SAITO HITOSHI [JP], et al
- [YA] US 6068507 A 20000530 - POPA ALEXANDER [DE]
- [AP] US 2017179643 A1 20170622 - HOLUB FRANKLIN A [US]

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 3316427 A1 20180502**; **EP 3316427 B1 20230913**; CN 108336627 A 20180727; CN 108336627 B 20211126

DOCDB simple family (application)

**EP 17207747 A 20171215**; CN 201711367910 A 20171218