

Title (en)

Housing adapted to an electrical connector position assurance system

Title (de)

Gehäuse angepasst an ein Lagesicherungssystem für einen elektrischen Verbinder

Title (fr)

Boîtier adapté pour système d'assurance de position d'un connecteur électrique

Publication

EP 0840398 A1 19980506 (EN)

Application

EP 97119155 A 19971103

Priority

- EP 97119155 A 19971103
- EP 96117610 A 19961104

Abstract (en)

A housing adapted to a connector position assurance system is incorporated in an electrical connector assembly (10). A first electrical connector (12) includes a housing (16) having a latch portion (20) and an activating portion (22). A second electrical connector (14) is mateable with the first connector (12) and includes said housing (24) having a latching member (30) movable into engagement with the latch portion (20) of the first connector (12) when the connectors are mated. A connector position assurance device (CPA) (28) is mounted on the latching member (30) for movement relative thereto between an initial inactive position and a final indicating position to indicate that the connectors are mated. Complementary interengaging stops (44, 58a) are provided between the CPA (28) and the latching member (30) to prevent the CPA from moving from its initial position to its final position when the connectors are not mated. <IMAGE>

IPC 1-7

H01R 3/00; **H01R 13/629**

IPC 8 full level

H01R 13/641 (2006.01); **H01R 13/627** (2006.01); **H01R 13/639** (2006.01)

CPC (source: EP)

H01R 13/641 (2013.01); **H01R 13/6272** (2013.01); **H01R 13/639** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0840398 A1 19980506; **EP 0840398 B1 20070124**

DOCDB simple family (application)

EP 97119155 A 19971103