

Title (en)

Sealed electrical connector with secondary locking member

Title (de)

Abgedichteter elektrischer Verbinder mit Sekundärverriegelungsmitteln

Title (fr)

Connecteur électrique étanche avec éléments de verrouillage secondaires

Publication

EP 0942491 A3 20001102 (EN)

Application

EP 99104345 A 19990304

Priority

- EP 99104345 A 19990304
- EP 98400600 A 19980313

Abstract (en)

[origin: EP0942491A2] An electrical connector (2) with coupling assist member (10) and secondary locking member (8) is provided with a seal (64) mounted to the secondary locking member (8). The secondary locking member has camming protrusions (42) that are cammed below a camming surface (76) of the coupling assist member during transverse sliding thereof, such that the seal is partially compressed prior to full mating with a complementary connector. This also simplifies assembly of the seal in the connector and reduces the number of separate parts to be handled.
<IMAGE>

IPC 1-7

H01R 13/436; **H01R 13/52**

IPC 8 full level

H01R 13/436 (2006.01); **H01R 13/52** (2006.01); **H01R 13/629** (2006.01)

CPC (source: EP)

H01R 13/4364 (2013.01); **H01R 13/5219** (2013.01); **H01R 13/62911** (2013.01); **H01R 13/62927** (2013.01)

Citation (search report)

- [X] WO 9613079 A1 19960502 - WHITAKER CORP [US], et al
- [X] EP 0726618 A1 19960814 - FRAMATOME CONNECTORS INT [FR]
- [A] EP 0726619 A1 19960814 - FRAMATOME CONNECTORS INT [FR]
- [A] US 5496194 A 19960305 - HUSS JR JOHN P [US]
- [A] EP 0677893 A2 19951018 - WHITAKER CORP [US]
- [AD] EP 0726617 A2 19960814 - WHITAKER CORP [US]

Cited by

DE19933929A1; EP3062401A1; FR3033091A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

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