

Title (en)

Electrical connector housing assembly with improved locking means.

Title (de)

Elektrische Steckergehäuse mit verbesserten Verriegelungsvorrichtung.

Title (fr)

Boîtier de connecteur électrique avec système de verrouillage amélioré.

Publication

EP 0676830 A2 19951011 (EN)

Application

EP 95105028 A 19950404

Priority

GB 9407015 A 19940408

Abstract (en)

A connector assembly (3) comprises a gear member (8) having a pinion (10) engageable with a rack of a complementary connector (2), and a lever arm (14) for actuating the pinion (10). The connector assembly is further provided with a resilient retention arm (20) for securely and reliably holding the gear member (8) in an open position ready for coupling to the complementary connector. Mating of the connectors automatically releases the gear member (8) by biasing the resilient retention arm (20) out of latching engagement with the complementary connector housing. <IMAGE>
<IMAGE>

IPC 1-7

H01R 13/629

IPC 8 full level

H01R 13/629 (2006.01); **H01R 13/627** (2006.01)

CPC (source: EP)

H01R 13/62944 (2013.01); **H01R 12/724** (2013.01); **H01R 13/6273** (2013.01)

Cited by

DE10128183B4; EP1143566A3; DE19938930C1; GB2436900A; DE10135896C2; DE19704312C2; US6325647B1; DE102013019798A1; DE102013019798B4

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