

Title (en)

Electrical connector assemblies having shutter and align means

Title (de)

Elektrische Verbinderanordnung mit Abdeck- und Ausrichtmitteln

Title (fr)

Dispositif de connexion électrique ayant des moyens d'alignement et de recouvrement

Publication

**EP 0833410 A1 19980401 (EN)**

Application

**EP 97306966 A 19970908**

Priority

GB 9620047 A 19960926

Abstract (en)

An electrical connector assembly has two connectors 1 and 4 with mating contacts 15 and 45. One connector 1 has a hinged shutter 27 protecting the contacts. The other connector 4 has two parallel alignment arms 51 and 52, which enter slots 32 in the shutter 27 to lift it away from the contacts 15 as the connectors are brought together. The first connector 1 has two pockets 24 to receive the alignment arms 51 and 52, the pocket and arms having cooperating rails 23 and grooves 53, which are flared at their ends to facilitate alignment. <IMAGE>

IPC 1-7

**H01R 13/453**; **H01R 13/631**

IPC 8 full level

**H01R 13/453** (2006.01); **H01R 13/631** (2006.01)

CPC (source: EP)

**H01R 13/453** (2013.01); **H01R 13/631** (2013.01)

Citation (search report)

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- [YA] WO 9614101 A1 19960517 - PHYSIO CONTROL CORP [US]
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Designated contracting state (EPC)

DE ES FR GB GR IE IT NL SE

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