

Title (en)

Locking and guiding means for the mating of a connector.

Title (de)

Sperr- und Führungsanordnung für den Anschluss eines Verbinders.

Title (fr)

Dispositif de guidage et de verrouillage de l'accouplement d'un connecteur.

Publication

**EP 0122842 A1 19841024 (FR)**

Application

**EP 84400651 A 19840402**

Priority

FR 8306207 A 19830415

Abstract (en)

1. Device for guiding and locking the coupling of a connector, characterized in that it comprises at least a guiding and locking assembly placed laterally to the fixed and mobile parts (1, 2) of the connector properly speaking, said assembly including a guidance column (3) borne by one part (1) and cooperating with a cylindrical recess (4) borne by the other part (2), said column (3) having a notch (5), and the part (2) having a cylindrical roller (6) with axis perpendicular to the axis of the recess (4), roller lodged movably between a locking position in which it enters the recess (4) to a depth close to that of the notch (5) and a coupling position in which the roller (6) withdraws out of the recess (4), the part (2) moreover bearing an external sliding slider (8) with a recess (15) that allows the withdrawal of the roller (6) in coupling position and a surface (9) that holds it in locking position, said slider (8) bearing a leaf spring (7) which, in unlocked position, repels a roller (16) into the interior of recess (4) and abuts against a stop (10) in the part (2) so as to be repelled and withdrawn from the stop (10) when said roller (6, 16) is repelled by the column (3).

Abstract (fr)

Le dispositif de guidage et de verrouillage de l'accouplement du connecteur comporte une colonne de guidage 3 présentant une encoche de verrouillage 5 destinée à coopérer avec un rouleau cylindrique 6 sollicité par une lameressort 7 portée par un tiroir coulissant 8.

IPC 1-7

**H01R 13/629**

IPC 8 full level

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

CPC (source: EP)

**H01R 13/6276** (2013.01)

Citation (search report)

- [A] FR 1354923 A 19640313 - SOCAPEX
- [A] FR 1353468 A 19640228
- [A] DE 1465398 A1 19690306 - COMMISSARIAT ENERGIE ATOMIQUE, et al

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