

Title (en)

An automatically-connected electrical connector.

Title (de)

Ein automatisch sich verbindender elektrischer Verbinder.

Title (fr)

Connecteur électrique automatiquement connecté.

Publication

EP 0396513 A1 19901107 (EN)

Application

EP 90830176 A 19900424

Priority

IT 6731889 A 19890503

Abstract (en)

A device is described for connecting multiway connectors to each other or to electrical equipment, the device enabling elastic energy to be stored during the first part of its connecting travel and to be returned during the second part as a force pulling the device to its travel-limit position thus enabling the automatic complete connection of the connectors (1, 2) and reliable electrical contact to be achieved automatically.

IPC 1-7

H01R 13/627

IPC 8 full level

H01R 13/627 (2006.01)

CPC (source: EP)

H01R 13/627 (2013.01)

Citation (search report)

- [X] EP 0214391 A2 19870318 - DAUT & RIETZ TRW [DE]
- [X] DE 2909616 A1 19800918 - SIEMENS AG
- [A] FR 1100963 A 19550927 - EQUIP POUR L AUTOMOBILE SOC GE
- [A] US 3706067 A 19721212 - HANSON RICHARD J

Cited by

US5365176A

Designated contracting state (EPC)

DE ES FR GB SE

DOCDB simple family (publication)

EP 0396513 A1 19901107; EP 0396513 B1 19940914; BR 9002125 A 19910813; DE 69012411 D1 19941020; DE 69012411 T2 19950216; IT 1232085 B 19920123; IT 8967318 A0 19890503

DOCDB simple family (application)

EP 90830176 A 19900424; BR 9002125 A 19900503; DE 69012411 T 19900424; IT 6731889 A 19890503