

Title (en)

Electrical connector

Title (de)

Elektrischer Steckverbinder

Title (fr)

Connecteur électrique

Publication

**EP 1681746 A1 20060719 (DE)**

Application

**EP 05027048 A 20051210**

Priority

DE 102005001515 A 20050113

Abstract (en)

The connector has a locking mechanism guided relative to a case with an actuator (22). The mechanism moves back and forth between pre-locking position, for locking with the case, and locked end position for locking with a socket (50). The actuator is positioned in an end position to work with a socket recess so that the actuator is unstressed and the mechanism is positioned to lock in behind a primary locking mechanism.

IPC 8 full level

**H01R 13/627** (2006.01); **H01R 13/639** (2006.01)

CPC (source: EP US)

**H01R 13/6273** (2013.01 - EP US); **H01R 13/639** (2013.01 - EP US)

Citation (search report)

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- [Y] US 2004127087 A1 20040701 - HIRSCHMANN MICHAEL [DE]
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- [A] EP 1420487 A1 20040519 - J S T MFG CO LTD [JP]

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EP2026421A1; CN109541971A; US9172187B2; WO2009023200A3; WO2013015451A3

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 1681746 A1 20060719; EP 1681746 B1 20100217**; DE 102005001515 A1 20060727; DE 102005001515 B4 20080131; DE 502005009030 D1 20100401; JP 2006196448 A 20060727; US 2006154510 A1 20060713; US 7121867 B2 20061017

DOCDB simple family (application)

**EP 05027048 A 20051210**; DE 102005001515 A 20050113; DE 502005009030 T 20051210; JP 2005352533 A 20051206; US 31254405 A 20051221