

Title (en)

Coupling device for two housing parts of an electrical connector

Title (de)

Kupplungsvorrichtung für zwei Gehäuseteile eines elektrischen Verbinders

Title (fr)

Dispositif d'accouplement de deux éléments de boîtier d'un connecteur électrique

Publication

EP 0674362 B1 19971008 (FR)

Application

EP 95400550 A 19950314

Priority

FR 9403283 A 19940321

Abstract (en)

[origin: EP0674362A1] The coupling device includes couples two connector elements, one of which includes a lever (16). The lever base is extended and protrudes beyond the carrier. The extended base is shaped so as to form side teeth (20) which engage with a second cog (26) having side teeth (27) and swinging around a pivot (25). The lever base and cog have slots (21,28) forming a cam section (22,29). Each slot engages protruding stubs (6,6a) on the fixed section (1). The cam slots engage in the stubs, and the lever movement produces a closing face, connecting the male/female connector elements.

IPC 1-7

H01R 13/629

IPC 8 full level

H01R 13/629 (2006.01)

CPC (source: EP US)

H01R 13/62944 (2013.01 - EP US); **H01R 13/62966** (2013.01 - EP US); **H01R 13/62938** (2013.01 - EP US); **H01R 13/62955** (2013.01 - EP US); **H01R 13/62972** (2013.01 - EP US)

Cited by

EP1432081A1; EP0793304A3; EP0887887A3; FR2803111A1; EP2209164A3; EP1929588A4; US7563114B2; US6217368B1; WO2007098253A3; US8747130B2

Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

EP 0674362 A1 19950927; **EP 0674362 B1 19971008**; CN 1038288 C 19980506; CN 1111836 A 19951115; DE 69500824 D1 19971113; DE 69500824 T2 19980205; FR 2717627 A1 19950922; FR 2717627 B1 19960426; JP H0831508 A 19960202; US 5873745 A 19990223

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EP 95400550 A 19950314; CN 95102711 A 19950320; DE 69500824 T 19950314; FR 9403283 A 19940321; JP 5382195 A 19950314; US 75464896 A 19961121