

Title (en)

Electrical connector and contacts used therein

Title (de)

Elektrischer Steckverbinder und darin verwendete Kontakts

Title (fr)

Connecteur électrique et contacts utilisés dans ce connecteur

Publication

EP 0921599 A3 20000726 (EN)

Application

EP 98309815 A 19981201

Priority

JP 35242097 A 19971205

Abstract (en)

[origin: EP0921599A2] An electrical connector allows for easy removal of electrical contacts from a housing even if the contacts are arranged in multiple rows. Electrical connector (1) comprises a housing (10) having contact-receiving cavities (11) arranged in multiple rows and multiple electrical contacts (20) disposed in the contact-receiving cavities (11). Each contact (20) includes a contact section (21) intended to form electrical connection with a mating contact, a wire-connecting section (22) located behind the contact section (21) and a retention device (23) engaging with a retention lug (17) of the housing (10). The retention device (23) comprises two spring-loaded lances (24) that are arranged along an axis of the contact and they can be bent to left and right directions. The retention device (23) is located near a front end of the contact section (21), and the housing (10) has recesses (18) for the insertion of a retention-release tool extending from the front surface (14) of the housing (10) to the retention device (23). <IMAGE>

IPC 1-7

H01R 13/428

IPC 8 full level

H01R 43/22 (2006.01); **H01R 13/42** (2006.01); **H01R 13/428** (2006.01); **H01R 13/46** (2006.01)

CPC (source: EP)

H01R 13/428 (2013.01)

Citation (search report)

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- [YA] DE 2555138 A1 19770623 - BUNKER RAMO
- [XA] EP 0729201 A1 19960828 - MOLEX INC [US]
- [A] GB 2262664 A 19930623 - WHITAKER CORP [US]

Cited by

CN111416225A

Designated contracting state (EPC)

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EP 0921599 A2 19990609; EP 0921599 A3 20000726; JP H11167951 A 19990622

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