

Title (en)
Releasable connector

Title (de)
Lösbare Steckverbindung

Title (fr)
Connecteur détachable

Publication
EP 0603541 B1 19970604 (DE)

Application
EP 93118539 A 19931118

Priority
DE 4243268 A 19921219

Abstract (en)
[origin: EP0603541A2] A releasable plug-type connector for one or more electrical contacts (14, 16; 114, 116) is to be designed in such a way that the contacts (14, 16; 114, 116) are brought together or released parallel to their longitudinal extent. For this purpose, a locking device (13; 113) which has at least two parts (17, 18; 117, 118) which are coupled to one another and can be moved with respect to one another is mounted on a first plug part (11; 111) of the plug-type connector. On a first part (18; 118) of the locking device (13; 113), guide elements (43, 46; 143; 146) are provided which, on interacting with guide parts (44, 49; 144, 149) of the first plug part (11; 111) during a movement of the second part (17; 117) of the locking device (13; 113), are deflected on the one hand transversely with respect to a longitudinal axis (52; 152) of the contacts (14, 16; 114, 116) or when the contacts (14, 16; 114, 116) are brought together are deflected parallel to the longitudinal axis (52; 152) of the contacts (14, 16; 114, 116). This plug-type connector is used in electrical systems where round contacts are used because of the need for secure contacts. <IMAGE>

IPC 1-7
H01R 13/629

IPC 8 full level
H01R 13/629 (2006.01); **H01R 13/639** (2006.01)

CPC (source: EP)
H01R 13/62933 (2013.01)

Cited by
DE102010001648A1; CN107681361A; US5785540A; DE102010001648B4; US7329132B1

Designated contracting state (EPC)
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DOCDB simple family (publication)
DE 4243268 A1 19940623; DE 59306663 D1 19970710; EP 0603541 A2 19940629; EP 0603541 A3 19941109; EP 0603541 B1 19970604; JP 3372327 B2 20030204; JP H06236782 A 19940823

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DE 4243268 A 19921219; DE 59306663 T 19931118; EP 93118539 A 19931118; JP 31318393 A 19931214