

Title (en)  
Electrical connector

Title (de)  
Elektrischer Verbinder

Title (fr)  
Connecteur électrique

Publication  
**EP 0735624 A3 19980422 (DE)**

Application  
**EP 96103555 A 19960306**

Priority  
DE 19511507 A 19950329

Abstract (en)  
[origin: EP0735624A2] The electric connector has contacting devices to make an electric contact with contacting devices of external terminals. The contact surfaces of the contacting devices of the electric connector (1) have a shape which enables a substantially overlap-free connection with the contact surfaces of the contacting devices (21a,21b,31) of the external terminals. The connector (1) is preferably formed as a circuit board connector for electrically connecting a first and a second circuit board (2,3). This is formed such that it can be plugged in perpendicular to the upper or lower side of the first and/or second circuit board (2,3).

IPC 1-7  
**H01R 23/68**; **H01R 23/72**

IPC 8 full level  
**H01R 13/648** (2006.01); **F27B 9/02** (2006.01); **H01R 12/16** (2006.01); **H01R 12/18** (2006.01); **H01R 12/50** (2011.01); **H01R 12/71** (2011.01); **H01R 12/72** (2011.01); **H01R 24/00** (2006.01); **H01R 12/52** (2011.01)

CPC (source: EP US)  
**H01R 12/721** (2013.01 - EP US); **H01R 13/658** (2013.01 - EP US); **H01R 12/52** (2013.01 - EP US); **Y10S 439/931** (2013.01 - EP US)

Citation (search report)  
• [XY] US 4904197 A 19900227 - CABOURNE MICHAEL K [US]  
• [YA] EP 0273589 A1 19880706 - AMP INC [US]

Cited by  
NL1012361C2; NL1012345C2; EP0969571A1; FR2780560A1; WO0077887A1

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0735624 A2 19961002**; **EP 0735624 A3 19980422**; **EP 0735624 B1 20030521**; AT E241220 T1 20030615; DE 19511507 A1 19961002; DE 59610448 D1 20030626; JP 3025430 B2 20000327; JP H08273763 A 19961018; US 5785534 A 19980728; US 6012927 A 20000111

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**EP 96103555 A 19960306**; AT 96103555 T 19960306; DE 19511507 A 19950329; DE 59610448 T 19960306; JP 9588796 A 19960327; US 2187498 A 19980211; US 62563596 A 19960329