

Title (en)

Contact element for edge connectors.

Title (de)

Kontaktelement für Randverbinder.

Title (fr)

Élément de contact pour connecteurs de bord.

Publication

EP 0675572 A2 19951004 (EN)

Application

EP 95110834 A 19901005

Priority

- EP 90119186 A 19901005
- JP 25997689 A 19891006

Abstract (en)

An electrical edge connector (201, 301, 401, 501, 601) having a plurality of electrical contact members (202, 302, 402, 502, 602) secured in a dielectric housing (204, 304, 404, 504, 604) for receiving an edge of a daughter card (406), the contact members including an outer C-shaped contact member (210, 310, 410, 510, 610) and an inner C-shaped contact member (230, 330, 430, 530, 630) coupled to said outer C-shaped contact member and having opposing contacts for engagement with the daughter card, wherein said outer C-shaped contact member (210, 310, 410, 510, 610) includes side sections (212, 214, 312, 314, 412, 414, 512, 514, 612, 614) extending along inside surfaces of said housing (204, 304, 404, 504, 604) and a connecting member (240, 340, 440, 540, 640) as part of one of the side sections (212, 214, 312, 314, 412, 414, 512, 514, 612, 614) extending along an external surface of a side wall (250, 350, 450, 550, 650) of said housing for electrical connection to a conductive area of a mother board (208, 308, 408, 508, 608). <IMAGE>

IPC 1-7

H01R 23/68

IPC 8 full level

H01R 24/00 (2006.01); **H01R 12/83** (2011.01)

CPC (source: EP KR)

H01R 12/58 (2013.01 - KR); **H01R 12/72** (2013.01 - KR); **H01R 12/83** (2013.01 - EP)

Citation (applicant)

- US 4737120 A 19880412 - GRABBE DIMITRY G [US], et al
- JP S60230378 A 19851115 - MOLEX INC
- JP S63193473 A 19880810 - MOLEX INC

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 0421474 A1 19910410; **EP 0421474 B1 19960619**; DE 69027500 D1 19960725; DE 69027500 T2 19961031; EP 0675572 A2 19951004; EP 0675572 A3 19960327; JP 2704300 B2 19980126; JP H03122981 A 19910524; KR 910008894 A 19910531; KR 960001069 B1 19960118; MY 107147 A 19950930

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