

Title (en)

Connector for joining printed circuit boards.

Title (de)

Verbinder zum Anschliessen von gedruckten Leiterplatten.

Title (fr)

Connecteur de raccordement entre cartes des circuit imprimé.

Publication

EP 0627792 A1 19941207 (FR)

Application

EP 94401061 A 19940511

Priority

FR 9305861 A 19930514

Abstract (en)

A connector for connecting a mother board to a daughter board, both having contacts arranged in a staggered fashion, comprises an insulating body having a channel for receiving the edge of the daughter board and passages for the penetration of flat electrical-connection terminals between corresponding contact areas on the two boards. Each terminal has means for catching on the insulation and a flexible arm intended to slide on one face of the daughter board during the insertion of the latter and to bear on a respective contact area. Every other contact terminal includes catching means (32) which can be snapped onto the insulating body by insertion parallel to the direction of engagement of the second board in the connector, whereas the other contact terminals (22a) can be snapped onto the insulating body by movement orthogonal to the direction of engagement of the second board (16) in the connector. <IMAGE>

IPC 1-7

H01R 23/70

IPC 8 full level

H01R 12/18 (2006.01); **H01R 12/72** (2011.01)

CPC (source: EP)

H01R 12/721 (2013.01)

Citation (search report)

- [A] EP 0529345 A2 19930303 - MOLEX INC [US]
- [A] US 4673239 A 19870616 - SMITH JOHN W [US], et al
- [A] GB 2057787 A 19810401 - IIZUKA ELECTRIC IND CO LTD

Cited by

US6152742A; CN111834815A; US7354274B2; EP0676833A3; WO2009094296A1; WO9638889A1; US11641082B2

Designated contracting state (EPC)

BE CH DE DK ES GB IT LI NL SE

DOCDB simple family (publication)

EP 0627792 A1 19941207; FR 2705501 A1 19941125; FR 2705501 B1 19950804

DOCDB simple family (application)

EP 94401061 A 19940511; FR 9305861 A 19930514