

Title (en)
Electrical connector

Title (de)
Elektrischer Verbinder

Title (fr)
Connecteur électrique

Publication
EP 0949724 A3 20000223 (EN)

Application
EP 99302747 A 19990408

Priority
JP 9637398 A 19980408

Abstract (en)
[origin: EP0949724A2] Electrical connector (1) with an insulating housing (10), and electrical contacts (20) which are fastened to the housing (10), for electrically connecting a first circuit board (30) and a substantially parallel second circuit board (40). The contacts (20) have cantilever contact sections (22) which extend from fastening sections (21) cast in the housing (10) into openings between housing partition walls (10a), and which resiliently engage an undersurface of the first circuit board (30) with arcuate surfaces stamped and formed from a metal plate. The cantilever contact sections (22) are bent from the fastening sections (21) and have supporting-point members (24) which bear on the second circuit board (40) when the cantilever contact sections (22) are flexed by contact with the first circuit board (30). The connector (1) has a low profile and provides high contact pressure between the contacts (20) and the circuit boards (30, 40). <IMAGE>

IPC 1-7
H01R 23/72; **H01R 9/09**; **H01R 23/68**

IPC 8 full level
H01R 12/22 (2006.01); **H01R 12/24** (2006.01)

CPC (source: EP)
H01R 12/714 (2013.01)

Citation (search report)
• [A] US 5466161 A 19951114 - YUMIBE GEORGE [US], et al
• [A] EP 0568971 A1 19931110 - MOLEX INC [US]
• [A] EP 0706240 A1 19960410 - MOLEX INC [US]

Cited by
DE10308586B4; EP1427062A4; US6939176B2; US10194552B1; WO03026073A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0949724 A2 19991013; **EP 0949724 A3 20000223**; JP H11297431 A 19991029

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