

Title (en)
Connector for adjacent circuit-bearing substrates

Title (de)
Verbinder für aneinander grenzende schaltungstragende Substraten

Title (fr)
Connecteur pour substrats adjacents portant un circuit

Publication
EP 0903810 A3 20000329 (EN)

Application
EP 98307287 A 19980909

Priority
US 5929297 P 19970918

Abstract (en)
[origin: EP0903810A2] A connector (10) for interconnecting circuits of adjacent circuit-bearing substrates (50,60) comprises a housing (12) having contacts (30) disposed in contact-receiving cavities (20). Each contact includes a plate-like body section (32) secured in the associated cavity and a pair of elongate spring arm contact sections (40) co-extending from a common edge(34) of the body section (32) and outwardly from the cavity (20) and from the mounting face of the housing (12). The elongate spring arm contact sections (40) have end portions arcuately diverging from each other to free ends so that continuous arcuate edges (46) thereof face away from the mounting face for engagement with associated circuit termini (52,62) of the circuit-bearing substrates (50,60). The elongate spring arm contact sections (40) are independently deflectable toward the mounting face under spring bias. <IMAGE>

IPC 1-7
H01R 9/09

IPC 8 full level
H01R 12/52 (2011.01)

CPC (source: EP)
H01R 12/52 (2013.01)

Citation (search report)

- [YA] GB 1359671 A 19740710 - FERRANTI LTD
- [Y] DE 19617121 C1 19970724 - LUMBERG KARL GMBH & CO [DE]
- [A] WO 9510865 A1 19950420 - CONNECTOR SYSTEMS TECH NV [NL], et al
- [A] US 5336095 A 19940809 - WALBURN DOUGLAS M [US], et al
- [A] US 4295700 A 19811020 - SADO RYOICHI
- [A] FR 2627639 A1 19890825 - THOMSON CSF [FR]
- [A] DE 4344272 A1 19940630 - WHITAKER CORP [US]

Cited by
FR2806536A1; DE102011103854A1; DE102011103854B4

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 0903810 A2 19990324; EP 0903810 A3 20000329; JP H11144825 A 19990528

DOCDB simple family (application)
EP 98307287 A 19980909; JP 25655998 A 19980910