

Title (en)
Modular electrical connector.

Title (de)
Modulartiger elektrischer Verbinder.

Title (fr)
Connecteur électrique modulaire.

Publication
EP 0104482 A1 19840404 (EN)

Application
EP 83108564 A 19830831

Priority
US 41935382 A 19820917

Abstract (en)
A modular molded plastic electrical connector construction is disclosed allowing a family or series of connectors of the same general type but made up of different subsets of different connectors within the series to be economically produced. All of the different connectors in a given subset may have intermateable plug and receptacle type outer housings with either having male or female contacts supported within these housings with all connectors within a given subset have the same number of contacts. A molded plastic outer housing is produced for each outer housing type desired, i.e., a plug for male contacts, a plug for female contacts, a receptable for female contacts and a receptacle for male contacts. A single set of contact supporting modules is provided for the entire subset. Each module defines one of several different conductive termination configurations for connectors in the subset. Each module is mountable to one or more of the housings with the contact termination ends of the contacts supported by the module being accessible from outside the module and conforming to the termination configuration defined by the housing.

IPC 1-7
H01R 13/516

IPC 8 full level
H01R 13/516 (2006.01); **H01R 31/06** (2006.01)

CPC (source: EP)
H01R 13/516 (2013.01); **H01R 31/06** (2013.01)

Citation (search report)
• [A] DE 2230248 A1 19740117 - PANDUIT GMBH
• [A] US 3824530 A 19740716 - ROBERTS L, et al
• [A] FR 2239777 A1 19750228 - ITT [US]
• [A] FR 1404232 A 19650625 - PLESSEY UK LTD
• [A] CH 489918 A 19700430 - STANDARD TELEPHON & RADIO AG [CH]
• [A] AU 85613 B
• [AD] US 3867005 A 19750218 - HOPPE JR PAUL PETER

Cited by
CN102117989A; FR2783103A1; CN102117988A; US8460767B2; US8221895B2

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

DOCDB simple family (publication)
EP 0104482 A1 19840404; AU 1907383 A 19840322; CA 1203863 A 19860429; NZ 205622 A 19870123

DOCDB simple family (application)
EP 83108564 A 19830831; AU 1907383 A 19830913; CA 436868 A 19830916; NZ 20562283 A 19830916