

Title (en)
Electrical plug connector.

Title (de)
Elektrischer Steckverbinder.

Title (fr)
Raccord électrique à fiche.

Publication
EP 0112019 A1 19840627 (EN)

Application
EP 83306740 A 19831104

Priority
• US 44247282 A 19821117
• US 53601783 A 19830926

Abstract (en)
An electrical plug connector comprises a slab-like dielectric contact-carrying member (36, 36A, 36B) having signal contact members (44, 44A, 102) secured to one side of the contact-carrying member (36, 36A, 36B) at spaced intervals therealong. A ground contact member (54, 54A, 120) is secured to the other side of the contact-carrying member (36, 36A, 36B) with contact sections (32, 34, 104, 122) of the signal contact members (44, 44A, 102) and the ground contact member (54, 54A, 120) extending from a front end of the contact-carrying member (36, 36A, 36B). Conductor-connecting sections (50, 60, 90, 92, 110, 128) of the signal and ground contact members extend along the contact-carrying member (36, 36A, 36B). Signal conductors (62) and ground conductors (66) of electrical cables (64) are electrically connected respectively to the conductor-connecting sections (50, 60, 90, 92, 110, 128) of the signal contact members (44, 44A, 102) and the ground contact member (54, 54A, 120). A dielectric housing member (72, 142) is secured onto the contact-carrying member (36, 36A, 36b) and part of the electrical cables (64) so that the contact members (44, 44A, 102, 54, 54A, 120) from their contact sections (32, 34, 104, 122) to their conductor-connecting sections (50, 60, 90, 92, 110, 128) are covered.

IPC 1-7
H01R 23/02; **H01R 23/66**; **H01R 13/658**

IPC 8 full level
H01R 13/627 (2006.01); **H01R 13/658** (2006.01)

CPC (source: EP)
H01R 24/30 (2013.01); **H01R 12/75** (2013.01); **H01R 13/627** (2013.01); **H01R 2107/00** (2013.01)

Citation (search report)
• [A] US 3740698 A 19730619 - JEROMINEK R
• [A] GB 2018054 A 19791010 - CIT ALCATEL
• [A] US 3411130 A 19681112 - NELSON BUSHEY DALE
• [A] DE 1945862 A1 19700514 - INT STANDARD ELECTRIC CORP

Cited by
EP0426348A1; FR2741751A1; EP0261905A3; US4602830A; EP0741921A1; US5888096A; EP0848455A3; EP0392689A3; EP0251556A3; US4655515A; US4875877A; EP0211496A1; US4807088A; EP2290756A3; US9660376B2; US11424573B2; US9923290B2; WO8601946A1; US8535088B2; US9923301B2; US8497753B2; US9634428B2; WO9003051A1; WO8702195A1; US7901216B2; US8087939B2; US8177560B2; US9711893B2; US9791634B2; US10090618B2; US10490933B2; US11233356B2

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

DOCDB simple family (publication)
EP 0112019 A1 19840627; **EP 0112019 B1 19861022**; BR 8306248 A 19840619; CA 1198789 A 19851231; DE 3367141 D1 19861127; IE 54908 B1 19900314; IE 832663 L 19840517; MX 159351 A 19890517

DOCDB simple family (application)
EP 83306740 A 19831104; BR 8306248 A 19831114; CA 439875 A 19831027; DE 3367141 T 19831104; IE 266383 A 19831115; MX 19944383 A 19831116