Title (en)

ELECTRICAL POWER CONNECTOR

Publication

EP 0508196 A3 19921216 (EN)

Application

EP 92104949 A 19920321

Priority

US 68281991 A 19910409

Abstract (en)

[origin: EP0508196A2] An electrical connector (10) is provided with a dielectric housing (12) having a forward mating end (24) and a rear terminating end (26). The forward mating end has at least one terminal receiving cavity 932). A terminal (14) is received in the cavity for connection to a complementary terminal of an appropriate mating connector when the mating connector is coupled to the mating end of the housing. The terminal (14) is terminated to a conductor projecting from the rear terminating end (26) of the housing. The rear terminating end of the housing is provided substantially entirely by a pair of clam-shell members (42a, 42b) movably mounted on the forward end of the housing for movement between an open condition to allow the terminal easily to be inserted into the cavity (32) and a closed condition securely encapsulating the inserted terminal. Complementary interengaging retaining portions (48) are provided on at least one of the clam-shell members for holding the terminal (14) in the cavity (32) when the clam-shell members are in their closed condition. Complementary interengaging latches (56, 58) are provided between the clam-shell members for latching the clam-shell members in their closed condition. <IMAGE>

IPC 1-7

H01R 13/422

IPC 8 full level

H01R 13/42 (2006.01); **H01R 13/422** (2006.01); **H01R 13/58** (2006.01)

CPC (source: EP KR)

H01R 13/422 (2013.01 - EP); **H01R 13/62** (2013.01 - KR)

Citation (search report)

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- [Y] US 4017141 A 19770412 - BURY ALLEN J, et al
- [Y] FR 2445632 A1 19800725 - LABINAL

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Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

EP 0508196 A2 19921014; **EP 0508196 A3 19921216**; JP H05198330 A 19930806; JP H0821443 B2 19960304; KR 920020784 A 19921121; MY 106565 A 19950630

DOCDB simple family (application)

EP 92104949 A 19920321; JP 11310092 A 19920406; KR 920005830 A 19920408; MY PI19920367 A 19920306