

Title (en)
Connector system with modular socket insert assembly.

Title (de)
Steckverbindersystem mit eingesetzter modularer Buchsenanordnung.

Title (fr)
Système de connexion avec un assemblage modulaire à douilles inséré.

Publication
EP 0209255 A1 19870121 (DE)

Application
EP 86304633 A 19860616

Priority
US 74811185 A 19850624

Abstract (en)
A modular socket insert assembly (26) which can fit into the male ends of two substantially identical connectors (12, 14) to connect them, wherein the socket insert assembly can be easily taken apart in the field for cleaning or replacement of a damaged socket. The socket insert assembly includes a pair of insulators (28, 30) having inner ends (32,34) that substantially abut one another and having aligned holes (40, 42) for holding a group of separate socket modules (44). The hole (50, ,52) in each insulator is wide at the inner end of the insulators where they abut one another, and is narrowed at the outer ends (54, 56) of the insulators, to trap a socket module (44) in place.

IPC 1-7
H01R 13/523; **H01R 13/533**

IPC 8 full level
H01R 13/46 (2006.01); **H01R 31/00** (2006.01); **H01R 31/06** (2006.01); **H01R 13/187** (2006.01); **H01R 13/523** (2006.01); **H01R 13/533** (2006.01)

CPC (source: EP)
H01R 31/00 (2013.01); **H01R 13/187** (2013.01); **H01R 13/523** (2013.01); **H01R 13/533** (2013.01)

Citation (search report)
• [X] DE 1953302 A1 19700806 - APPLETON ARTHUR I
• [Y] GB 1594183 A 19810730 - STANDARD TELEPHONES CABLES LTD
• [A] GB 2023357 A 19791228 - ITT
• [A] DE 3041337 A1 19820909 - FELTEN & GUILLEAUME ENERGIE [DE]

Cited by
CN106961048A; CN108063356A; FR2783099A1; EP0727845A3; FR2719710A1; US5367592A; EP0655804A3; GB2209251A; GB2209251B; EP1009081A4; US6250961B1; WO9222841A1

Designated contracting state (EPC)
DE FR GB SE

DOCDB simple family (publication)
EP 0209255 A1 19870121; CA 1262760 A 19891107; JP H0156507 B2 19891130; JP S61296672 A 19861227

DOCDB simple family (application)
EP 86304633 A 19860616; CA 511643 A 19860616; JP 14677586 A 19860623