

Title (en)
Electrical connector

Title (de)
Elektrischer Steckverbinder

Title (fr)
Connecteur électrique

Publication
EP 1081789 A3 20030514 (DE)

Application
EP 00118212 A 20000831

Priority
DE 29915553 U 19990903

Abstract (en)
[origin: US6280229B1] The invention relates to a plug connector comprising an insulation displacement contact carrier which accommodates insulation displacement contacts, and a plug contact carrier which accommodates plug contacts. The plug connector further comprises a housing which connects the insulation displacement contact carrier with the plug contact carrier. The insulation displacement contact carrier is provided with a thread for a first coupling ring and the plug contact carrier is provided with a connecting section for a complementary plug connector.

IPC 1-7
H01R 4/24; **H01R 13/64**; **H01R 13/622**

IPC 8 full level
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CPC (source: EP US)
H01R 4/2433 (2013.01 - EP US); **H01R 13/622** (2013.01 - EP US); **H01R 24/20** (2013.01 - EP US); **H01R 2107/00** (2013.01 - EP US)

Citation (search report)

- [XA] DE 29806645 U1 19980813 - PHOENIX CONTACT GMBH & CO [DE]
- [XA] EP 0842552 B
- [A] EP 0542164 A2 19930519 - ALCATEL COMPONENTS LTD [AU]
- [A] US 5755589 A 19980526 - KOCH JOERG [DE]
- [A] DE 29703983 U1 19970410 - FESTO KG [DE]

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)
US 6280229 B1 20010828; AT E285129 T1 20050115; DE 29915553 U1 19991125; DE 50008945 D1 20050120; EP 1081789 A2 20010307; EP 1081789 A3 20030514; EP 1081789 B1 20041215; ES 2233257 T3 20050616; JP 2001102138 A 20010413

DOCDB simple family (application)
US 65381100 A 20000901; AT 00118212 T 20000831; DE 29915553 U 19990903; DE 50008945 T 20000831; EP 00118212 A 20000831; ES 00118212 T 20000831; JP 2000267436 A 20000904