

Title (en)
Insulation displacement connector assembly for a sheathed electrical conductor

Title (de)
Schneidklemmen-Verbindervorrichtung für einen umhüllten elektrischen Leiter

Title (fr)
Dispositif de connexion autodénudante pour un conducteur électrique gainé

Publication
EP 1162690 A3 20020515 (FR)

Application
EP 01420129 A 20010607

Priority
FR 0007460 A 20000609

Abstract (en)
[origin: EP1162690A2] The self stripping electrical cable mechanism has an interconnection piece with stripping and retention teeth (6) to cut the isolating sleeve and retain the cable center conductor. The unit is held in a casing (3) with a connection chamber (15) a gripping slot (16) grips the isolating sleeve. The gripping slot and the stripping slot are separated laterally.

IPC 1-7
H01R 4/24; **H01R 13/58**

IPC 8 full level
H01R 4/24 (2006.01); **H01R 13/58** (2006.01)

CPC (source: EP KR US)
H01R 4/2429 (2013.01 - EP US); **H01R 13/5833** (2013.01 - EP US); **H01R 43/00** (2013.01 - KR)

Citation (search report)
• [XA] EP 0720258 A2 19960703 - SUMITOMO WIRING SYSTEMS [JP]
• [X] DE 4341152 C1 19950316 - QUANTE AG [DE]
• [A] US 5641302 A 19970624 - ADAMS EDWARD JOHN [GB]

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1162690 A2 20011212; **EP 1162690 A3 20020515**; **EP 1162690 B1 20030924**; CN 1213516 C 20050803; CN 1328359 A 20011226; DE 60100828 D1 20031030; DE 60100828 T2 20040408; ES 2208533 T3 20040616; FR 2810165 A1 20011214; FR 2810165 B1 20061006; KR 100668477 B1 20070112; KR 20010112591 A 20011220; US 2002031936 A1 20020314; US 6561840 B2 20030513

DOCDB simple family (application)
EP 01420129 A 20010607; CN 01123169 A 20010608; DE 60100828 T 20010607; ES 01420129 T 20010607; FR 0007460 A 20000609; KR 20010032263 A 20010609; US 87591101 A 20010608