

Title (en)
Insulation displacement connector.

Title (de)
Schneidklemmverbinder.

Title (fr)
Connecteur autodénudant.

Publication
EP 0684662 A1 19951129 (FR)

Application
EP 95410044 A 19950511

Priority
FR 9406571 A 19940525

Abstract (en)
The connector (10) has a base section (11) with a number of curved receptacles (15) separated by ribs (16). The flat cable has a number of cables (13a, 13b) connected together by thin flat sections. The cables lie in the receptacle area. The lid (12) has a number of connectors (19) of fork shape with flexible end prongs, attached to the top of the lid. Each prong slices through the outer of the multiple cable section as the lid closes, making cable connection with the inners (20a, 20b, 20c). Outer stops and a matching upper receptacle (17) with separation grooves (18) hold the cable firmly in place. <IMAGE>

IPC 1-7
H01R 9/07; **H01R 4/24**

IPC 8 full level
H01R 4/24 (2006.01); **H01R 12/08** (2006.01); **H01R 12/67** (2011.01)

CPC (source: EP US)
H01R 4/2454 (2013.01 - EP US); **H01R 12/675** (2013.01 - EP US)

Citation (search report)
• [DYA] EP 0470887 A1 19920212 - LABINAL SA [FR]
• [Y] EP 0443264 A1 19910828 - MINNESOTA MINING & MFG [US]
• [A] US 4326767 A 19820427 - SILBERNAGEL RAYMOND A, et al
• [A] US 4029384 A 19770614 - REINWALL JR ERNEST WILLIAM

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EP2636102A4; US2015090492A1; US9577353B2; US7857655B2; WO0111724A1

Designated contracting state (EPC)
BE CH DE ES GB IT LI

DOCDB simple family (publication)
EP 0684662 A1 19951129; **EP 0684662 B1 19981028**; DE 69505593 D1 19981203; DE 69505593 T2 19990617; ES 2126234 T3 19990316; FR 2720551 A1 19951201; FR 2720551 B1 19960705; US 5651691 A 19970729

DOCDB simple family (application)
EP 95410044 A 19950511; DE 69505593 T 19950511; ES 95410044 T 19950511; FR 9406571 A 19940525; US 43821495 A 19950509