

Title (en)  
Insulation-displacement connector.

Title (de)  
Isolierung verdrängender Verbinder.

Title (fr)  
Connecteur à déplacement d'isolant.

Publication  
**EP 0234639 B1 19941026 (EN)**

Application  
**EP 87200208 A 19870211**

Priority  
JP 1997086 U 19860214

Abstract (en)  
[origin: EP0234639A1] An insulation-displacement connector is disclosed which includes an insulation-displacement connection terminal(20)-equipped housing (10) having first engaging grooves (11) for holding a cable pushing member (30) an initial state, second engaging grooves (13) for fixedly holding a conductor(42)-exposed cable (40) in a slot (22) of the connection terminal (20) for connection to the connection terminal, and guide grooves (12) provided between the first and second engaging grooves to allow the pushing member (30) to be held. After a cable (40) having insulation layer (41) has been placed over a tapered opening (21) of the connection terminal, the pushing member (30) is forced down along the guide grooves (12) with the cable (40) compressed over the tapered opening (21) and held there temporarily. Then the pushing member (30) is further pushed to allow the cable (40) to be pinched in the slot (22) of the connection terminal.

IPC 1-7  
**H01R 4/24**

IPC 8 full level  
**H01R 4/24** (2006.01); **H01R 11/20** (2006.01)

CPC (source: EP KR)  
**H01R 4/2462** (2013.01 - EP); **H01R 11/20** (2013.01 - KR)

Cited by  
FR2691846A1; EP0615306A3; EP2025449A1; US5722852A; WO9617406A1; WO9424727A1; US8114000B2; US9504167B2; WO9424725A1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0234639 A1 19870902; EP 0234639 B1 19941026**; DE 3750678 D1 19941201; DE 3750678 T2 19950601; JP S62131368 U 19870819; KR 870008410 A 19870926; KR 920000714 B1 19920120

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**EP 87200208 A 19870211**; DE 3750678 T 19870211; JP 1997086 U 19860214; KR 870001203 A 19870213