

Title (en)
Z-SHAPED INSULATION DISPLACEMENT CONTACT

Title (de)
Z-FÖRMIGER SCHNEIDKLEMMKONTAKT

Title (fr)
CONTACT AUTODENUDANT EN FORME DE Z

Publication
EP 1299924 A2 20030409 (DE)

Application
EP 01936150 A 20010329

Priority
• AU PQ684300 A 20000411
• EP 0103582 W 20010329

Abstract (en)
[origin: WO0178193A2] The invention relates to an insulation displacement contact (20) comprising a conductive element (22) containing an aperture (24). Contact sections (32) defined by parts of the edge of the aperture (24) converge and have contact edges (32c) which lie opposite one another, between which a channel (42) is defined. Cores that have been inserted into an enlarged section (24a) of the aperture (24) can be displaced laterally in the channel (42) in order to cut the insulation of the core (48) and to create an electrical connection between one conductor (52) of the core and the contact edges (32c). The contact element (22) has flanges (46, 47) that are aligned in opposing directions in order to improve stability.

IPC 1-7
H01R 4/24

IPC 8 full level
H01R 4/24 (2006.01)

CPC (source: EP US)
H01R 4/245 (2013.01 - EP US)

Citation (search report)
See references of WO 0178193A2

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)
WO 0178193 A2 20011018; WO 0178193 A3 20020314; AR 027783 A1 20030409; AU PQ684300 A0 20000511; EP 1299924 A2 20030409; NZ 521556 A 20040326; US 2003054685 A1 20030320; US 6702605 B2 20040309

DOCDB simple family (application)
EP 0103582 W 20010329; AR P010101671 A 20010409; AU PQ684300 A 20000411; EP 01936150 A 20010329; NZ 52155601 A 20010329; US 25741202 A 20021009