

Title (en)
Quick insulation displacement connection device for electrical connections

Title (de)
Schnellisolierungsentfernungsvorrichtung für elektrische Anschlüsse

Title (fr)
Dispositif de déplacement rapide d'isolation pour connexions électriques

Publication
EP 1942558 A2 20080709 (EN)

Application
EP 08100100 A 20080104

Priority
IT MI20070017 A 20070108

Abstract (en)
A quick insulation displacement connection device for electrical connections, comprising at least a first containment element (1), made of insulating material, adapted to support and maintain in position a pair of cables (10), and a second contact-carrier element (6), it too made of insulating material, which bears a series of conductor means (4, 5) adapted to make an electrical insulation displacement connection on each conductor of the pair of cables (10), in order to draw the signal to be sent over the conductors of the cables (11) of a shunt line; it is possible for the installer to obtain the pick-up of the signal from the pair of cables (10) by simply bringing the contact-carrier element (6) towards said containment element (1) and by rotating a tool several turns, tool such as a socket wrench (25), which operates on a threaded pin (19), placed at the centre of the contact-carrier element (6) and adapted to be engaged inside a nut screw (18) of the containment element (1).

IPC 8 full level
H01R 4/24 (2006.01); **H02G 3/00** (2006.01)

CPC (source: EP)
H01R 4/2433 (2013.01); **H01R 13/512** (2013.01)

Cited by
ES2710082A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 1942558 A2 20080709; EP 1942558 A3 20110810; IT MI20070017 A1 20080709

DOCDB simple family (application)
EP 08100100 A 20080104; IT MI20070017 A 20070108