Title (en)

Connection system for implementing branches on continuous leads

Title (de)

Anschluss-System zur Realisierung von Abzweigungen an durchgehenden Leitern

Title (fr)

Système de raccordement destiné à la réalisation d'embranchements sur des lignes continues

Publication

EP 1914840 A3 20091028 (DE)

Application

EP 07117037 A 20070924

Priority

DE 202006015946 U 20061018

Abstract (en)

[origin: US2008096416A1] A connector system includes a plurality of conductor piercing units supported by a frame for vertical displacement between upper disconnected and lower connected positions relative to a plurality of parallel spaced insulated conductors supported in a horizontal plane by a base plate. The piercing units are displaced between said upper and lower positions by operating disks eccentrically mounted for rotation on a horizontal support shaft that extends between an opposed pair of side walls of the frame. The base plate, frame and piercing unit assembly are arranged in an open-topped support housing that is closed by a cover member or lid. Electrical components may by mounted on the lid for connection with the piercing unit assembly.

IPC 8 full level

H01R 4/48 (2006.01)

CPC (source: EP US)

H01R 9/03 (2013.01 - EP US); **H01R 9/2408** (2013.01 - EP US); **H01R 9/2416** (2013.01 - EP US); **H01R 12/616** (2013.01 - EP US); **H01R 12/67** (2013.01 - EP US); H01R 4/2416 (2013.01 - EP)

Citation (search report)

- [DA] DE 29708222 U1 19980910 - TEHALIT GMBH [DE]
- [A] DE 19903030 C1 20010503 - SIEMENS AG [DE]
- [A] DE 29706750 U1 19970528 - ACKERMANN ALBERT GMBH CO [DE]

Cited by

DE202008015310U1; DE202008015307U1; DE202010008934U1; US8298019B2; WO2010057750A3; WO2011138135A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

US 2008096416 A1 20080424; **US 7491084 B2 20090217**; AT E509392 T1 20110515; DE 202006015946 U1 20080228; EP 1914840 A2 20080423; EP 1914840 A3 20091028; EP 1914840 B1 20110511

DOCDB simple family (application)

US 97483007 A 20071016; AT 07117037 T 20070924; DE 202006015946 U 20061018; EP 07117037 A 20070924