

Title (en)

Branch connector with optimized contact for the connecting elements

Title (de)

Zweigstecker mit optimiertem Kontakt für die Anschlusselemente

Title (fr)

Connecteur de dérivation à contact optimisé des éléments de branchement

Publication

**EP 2360789 A1 20110824 (EN)**

Application

**EP 11155610 A 20110223**

Priority

FR 1051324 A 20100224

Abstract (en)

A branch connector (10) for connecting each of the conductors of a feeder cable to each of the conductors of a branch cable, including two jaws (11a, 11b) made from insulating material, for placing the connector onto the feeder cable and connected together by translation using clamping means for clamping said jaws onto the conductors of the feeder cable, and several branching elements (12a, 12b) for connecting the conductors of the feeder cable to the conductors of the branch cable, and including a body, made from insulating material, which has a projecting section (14a, 14b), also made from insulating material, and by which the branching element is designed to engage laterally between the two jaws in order to define a receptacle with each of the adjacent jaws for the insertion of a conductor of the feeder cable, and a metal contact part per receptacle which is partly superposed on said projecting section, and is designed for establishing an electrical connection between this conductor of the feeder cable and a conductor of the branch cable connected to the branching element.

IPC 8 full level

**H01R 9/03** (2006.01)

CPC (source: EP US)

**H01R 4/2408** (2013.01 - EP US); **H01R 4/44** (2013.01 - EP)

Citation (applicant)

US 4527854 A 19850709 - SPRICK THEO [DE]

Citation (search report)

- [A] FR 2901415 A1 20071123 - D APP ET DE MATERIEL ELECTR S [FR]
- [A] EP 1691449 A2 20060816 - PFISTERER KONTAKTSYST GMBH [DE]
- [A] EP 1885025 A2 20080206 - PFISTERER KONTAKTSYST GMBH [DE]
- [A] FR 2780556 A1 19991231 - APP MAT ELECT CONST [FR]
- [A] FR 2930847 A1 20091106 - MICHAUD SA SA [FR]

Cited by

CN111613907A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME BA ME

DOCDB simple family (publication)

**EP 2360789 A1 20110824; EP 2360789 B1 20130501**; FR 2956778 A1 20110826; FR 2956778 B1 20120427

DOCDB simple family (application)

**EP 11155610 A 20110223**; FR 1051324 A 20100224