

Title (en)
Simplified mounting branch connector

Title (de)
Vereinfachter Montierzweigstecker

Title (fr)
Connecteur de dérivation à montage simplifié

Publication
EP 2360790 A1 20110824 (EN)

Application
EP 11155614 A 20110223

Priority
FR 1051326 A 20100224

Abstract (en)
A branch connector for connecting each of the conductors of a feeder cable to a conductor of a branch cable, including two principal jaws made from insulating material, designed for placing the connector onto the feeder cable and connected together by translation using first clamping means (21, 24) for clamping said jaws onto the conductors of the feeder cable, and several branching elements for connecting the conductors of the feeder cable to the conductors of the branch cable, each branching element including a body, made from insulating material, a secondary jaw also made from insulating material, which jaw is mounted in a mobile manner to the body under the control of second clamping means (22, 27a, 27b) and which defines with this body at least one receptacle (19a - 19d) designed for the insertion of a conductor (18a - 18d) of the branch cable and at least one metal contact part (20a - 20d) designed for establishing an electrical connection between a conductor (16a - 16d) of the feeder cable and a conductor of the branch cable, the first and second clamping means respectively including a first and a second threaded rod (21, 22) assembled in a detachable manner in a cross wise arrangement and to each of which the principal jaws and the branching elements are respectively engaged.

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
CN104362445A; US9287673B2; US8444431B1; US11431114B2; WO2013071381A1; US10840615B2; US11121480B2

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

DOCDB simple family (publication)
EP 2360790 A1 20110824; EP 2360790 B1 20130717; FR 2956779 A1 20110826; FR 2956779 B1 20120420

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EP 11155614 A 20110223; FR 1051326 A 20100224