

Title (en)

TERMINAL BLOCK COMPRISING AN ELECTRICAL CONNECTION SYSTEM WITH TWO CONNECTING BRANCHES

Title (de)

REIHENKLEMME, BESTEHEND AUS EINEM ELEKTRISCHEN ANSCHLUSSSYSTEM VERBINDUNGSSYSTEM MIT ZWEI VERBINDUNGSVERZWEIGUNGEN

Title (fr)

BLOC DE JONCTION COMPRENANT UN SYSTÈME DE LIAISON ÉLECTRIQUE AVEC DEUX BRANCHES DE CONNEXION

Publication

EP 3520176 B1 20210804 (FR)

Application

EP 16774511 A 20160929

Priority

EP 2016073298 W 20160929

Abstract (en)

[origin: WO2018059695A1] The invention relates to an electrical connection system for an electrical appliance, such as a terminal block (7), the electrical connection system (7) comprising a conductive strip (21) comprising two connecting branches (63a, 63b) arranged so as to cooperate with a conductive portion (13') of an electrical conductor (13) in a connecting position and having a cooperating area (35) arranged so as to cooperate with a portion (15') of a support rail (15) in a cooperating position, a leaf spring (23), and a holding device (49) arranged so as to hold the portion (15') of the support rail (15) in contact between the two cooperating branches (63a, 63b) in the cooperating position, at least one connecting branch (63a, 63b) having a cross-opening (69a, 96b) designed so that a portion of the holding device (49) passes therethrough in the cooperating position.

IPC 8 full level

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CPC (source: EP US)

H01R 4/48275 (2023.08 - EP US); **H01R 9/2691** (2013.01 - US); **H01R 11/05** (2013.01 - EP US); **H01R 13/113** (2013.01 - EP US); **H01R 13/18** (2013.01 - EP US); **H01R 9/2691** (2013.01 - EP)

Citation (examination)

- US 2012129407 A1 20120524 - GLICK MICHAEL [US], et al
- DE 3730676 C1 19880929 - KOSTAL LEOPOLD GMBH & CO KG
- JP 2005019199 A 20050120 - TERASAKI ELECTRIC CO LTD

Designated contracting state (EPC)

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EP 2016073298 W 20160929; CN 201680089679 A 20160929; EP 16774511 A 20160929; US 201616337237 A 20160929