

Title (en)

Connection terminal and low-voltage electrical device

Title (de)

Anschlussklemme und Niederspannungs-Elektrogerät

Title (fr)

Borne de raccordement et appareil électrique basse tension

Publication

EP 2112713 B1 20130619 (FR)

Application

EP 09155877 A 20090323

Priority

FR 0802244 A 20080422

Abstract (en)

[origin: EP2112713A1] The terminal has a spring (6) provided with a supporting branch (15) that is connected to a fastening branch (16) through an elbow part (17). The fastening branch firmly props an electrical conductor (1) against a fastening part (14) of a conductor connecting strip (5). The connecting strip includes a surface (20) facing towards the elbow part of the spring and a surface (19) arranged backside of the surface (20). The spring includes a supporting hook propped against the surface (19) of the connecting strip. The hook passes through a plane of the connecting strip. An independent claim is also included for a low voltage electric device comprising an insulating body.

IPC 8 full level

H01R 4/48 (2006.01)

CPC (source: EP US)

H01R 4/16 (2013.01 - EP US); **H01R 4/48275** (2023.08 - EP US)

Cited by

EP2551962A1; WO2011103997A1; EP3619773B1

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 MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2112713 A1 20091028; EP 2112713 B1 20130619; CN 101567491 A 20091028; CN 201311996 Y 20090916; FR 2930376 A1 20091023; US 2009264027 A1 20091022

DOCDB simple family (application)

EP 09155877 A 20090323; CN 200820132529 U 20080812; CN 200910131269 A 20090413; FR 0802244 A 20080422; US 42819309 A 20090422