

Title (en)

Electrical connection device between at least one conductor and at least one connecting pad of an electrical appliance, respectively, and electrical appliance comprising same

Title (de)

Elektrische Anschlussvorrichtung mindestens eines Leiters an mindestens einen Kontaktbereich eines elektrischen Geräts und elektrisches Gerät, das damit ausgestattet ist.

Title (fr)

Dispositif raccordement électrique d'au moins un conducteur à respectivement au moins une plage de contact d'un appareil électrique et appareil électrique le comportant.

Publication

EP 2538493 A3 20141029 (FR)

Application

EP 12354031 A 20120522

Priority

FR 1101937 A 20110623

Abstract (en)

[origin: EP2538493A2] The device has a connection block (17) arranged to receive two terminals (21, 22), where each terminal comprises a cage terminal (21a) and screws (21b, 22b). The connection block comprises two opposite sides (29, 30) with two openings (31, 32) for accessing two housings (19, 20). Each terminal is offset with respect to another terminal along longitudinal direction of a support and along height direction of the device, where the height direction is defined as belonging to a mounting plane and extends perpendicularly to the longitudinal direction of the support.

IPC 8 full level

H01R 4/38 (2006.01); **H01R 9/26** (2006.01); **H01R 13/514** (2006.01)

CPC (source: EP)

H01R 4/38 (2013.01); **H01R 9/2633** (2013.01); **H01R 9/2641** (2013.01); **H01R 13/514** (2013.01)

Citation (search report)

- [A] DE 102009041034 A1 20110317 - SIEMENS AG [DE]
- [A] US 2005112955 A1 20050526 - BUCKLEY MARK C [US], et al
- [A] US 2006258231 A1 20061116 - COX NED [US]
- [A] FR 2711018 A1 19950414 - MERLIN GERIN [FR]

Cited by

WO2020216407A1

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 2538493 A2 20121226; EP 2538493 A3 20141029; EP 2538493 B1 20150812; CN 102842467 A 20121226; CN 102842467 B 20160106; ES 2548265 T3 20151015; FR 2977085 A1 20121228; FR 2977085 B1 20131018

DOCDB simple family (application)

EP 12354031 A 20120522; CN 201210205220 A 20120618; ES 12354031 T 20120522; FR 1101937 A 20110623