

Title (en)

ASSEMBLY COMPRISING A MODULAR ELECTRIC APPARATUS AND MODULAR AID ADAPTED TO BE ASSOCIATED WITH SAID APPARATUS ON A MOUNTING RAIL

Title (de)

ANORDNUNG, DIE EIN MODULARES ELEKTRISCHES GERÄT UND EIN MODULARES HILFSGERÄT UMFASST, DAS FÜR DIE ZUORDNUNG ZU DIESEM GERÄT AUF EINER MONTAGESCHIENE GEEIGNET IST

Title (fr)

ENSEMBLE COMPORTANT UN APPAREIL ELECTRIQUE MODULAIRE ET UN AUXILIAIRE MODULAIRE APTE A ETRE ASSOCIE AVEC UN APPAREIL SUR UN RAIL DE MONTAGE

Publication

**EP 3471128 B1 20210106 (FR)**

Application

**EP 18193717 A 20180911**

Priority

FR 1759545 A 20171012

Abstract (en)

[origin: CN109659193A] The present invention relates to an assembly comprising a modular electrical apparatus and an auxiliary module adapted to be associated with said apparatus on a mounting rail, said electrical apparatus being housed in a parallelepiped housing and having on one of its faces, a set of terminals said upstream, and on a face opposite to the previous relative to the rail, a set of terminals said downstream. This assembly is characterized in that the aforesaid housing said first (3) comprises a recess (i) able to receive the aforementioned auxiliary module (2) or a piece forming a hubcap having substantially the same footprint as the aforementioned auxiliary (2), and in that one (5) of the sets of terminals, said first, comprises terminals having a pitch corresponding to that a standard comb and extends over substantially the entire width of the device (1), while the other (6) of the two sets of terminals (5,6), said second, has terminals A step reduced with respect to the above and extends over only a part of the width of the electrical apparatus (1), so that the association of this auxiliary module (2) to the aforementioned electrical device (1), does not increase the size of the device with which it is associated, and allows the electrical connection of the terminals of said first set (5) of terminals to a standard comb.

IPC 8 full level

**H01H 71/02** (2006.01); **H01H 71/46** (2006.01)

CPC (source: CN EP)

**H01H 45/04** (2013.01 - CN); **H01H 45/08** (2013.01 - CN); **H01H 45/14** (2013.01 - CN); **H01H 71/0214** (2013.01 - EP); **H01H 71/0228** (2013.01 - EP); **H01H 71/462** (2013.01 - EP)

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

DOCDB simple family (publication)

**EP 3471128 A1 20190417**; **EP 3471128 B1 20210106**; CN 109659193 A 20190419; CN 109659193 B 20221018; ES 2855675 T3 20210924; FR 3072510 A1 20190419; FR 3072510 B1 20190927

DOCDB simple family (application)

**EP 18193717 A 20180911**; CN 201811092002 A 20180919; ES 18193717 T 20180911; FR 1759545 A 20171012