

Title (en)

ASSEMBLY OF MECHANICALLY AND ELECTRICALLY INTERCONNECTED ELECTRICAL DEVICE CASINGS

Title (de)

ANORDNUNG VON MECHANISCH UND ELEKTRISCH VERBUNDENEN GEHÄUSEN ELEKTRISCHER VORRICHTUNGEN

Title (fr)

ENSEMBLE DE BOÎTIERS D'APPAREILS ELECTRIQUES MECANIQUEMENT ET ELECTRIQUEMENT RELIES ENTRE EUX

Publication

**EP 3300530 B1 20200219 (FR)**

Application

**EP 16756726 A 20160728**

Priority

- FR 1557439 A 20150731
- FR 2016051957 W 20160728

Abstract (en)

[origin: WO2017021623A1] The present invention relates to an assembly including a row of at least two separate insulating casings (1, 2, 2', 2'') that each have two large parallel surfaces (F1, F2) and each comprise at least one modular electrical device, for example a circuit breaker, switch, or differential unit, each of said electrical devices including at least one electrical connection terminal. Said assembly is characterized in that it includes at least one mechanical and electrical linking system mechanically interconnecting said casings and also exerting a pressure force, substantially perpendicularly to the two large parallel surfaces (F1, F2), on two casings of the row. Said assembly is also characterized in that said system electrically connects the or one of the terminal(s) of at least one electrical device to the or one of the terminal(s) of another electrical device so as to distribute an electrical potential therebetween. Said assembly is moreover characterized in that said system is at least partially contained in the volume defined by the casings.

IPC 8 full level

**H01H 71/08** (2006.01)

CPC (source: EP)

**H01H 71/082** (2013.01); **H01H 83/226** (2013.01)

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)

**FR 3039698 A1 20170203; FR 3039698 B1 20190830**; CN 107924793 A 20180417; CN 107924793 B 20200407; EP 3300530 A1 20180404; EP 3300530 B1 20200219; WO 2017021623 A1 20170209

DOCDB simple family (application)

**FR 1557439 A 20150731**; CN 201680043787 A 20160728; EP 16756726 A 20160728; FR 2016051957 W 20160728