

Title (en)
PLUGGABLE DEVICE COMBINATION FOR PROTECTING AGAINST SURGES

Title (de)
STECKBARE GERÄTEKOMBINATION ZUM SCHUTZ VOR ÜBERSPANNUNGEN

Title (fr)
COMBINAISON DE DISPOSITIFS ENFICHABLES POUR PROTECTION CONTRE LES SURTENSIONS

Publication
EP 4022726 A1 20220706 (DE)

Application
EP 20749870 A 20200730

Priority
• DE 202019104742 U 20190829
• DE 202020101378 U 20200312
• EP 2020071469 W 20200730

Abstract (en)
[origin: WO2021037473A1] The invention relates to a pluggable device combination for protecting against surges, having a base-like bottom part of U-shaped cross section for receiving at least one plug module which accommodates a surge protection element, wherein latching means which act between the plug module and the base-like bottom part are provided, said latching means comprising first means which are formed on a prestressed joint on opposite sides of the plug module and respectively interact in a latching manner with associated second means on the bottom part, wherein the latching connection can be broken by pressing the joint at the sides of the plug module, and wherein the respective joint becomes an operating area and the operating areas are formed opposite each other on the plug module in such a way that the shape of an at least approximate triangle results given imaginary connecting lines between the operating areas.

IPC 8 full level
H01T 4/06 (2006.01)

CPC (source: EP US)
H01R 9/26 (2013.01 - EP); **H01R 13/4226** (2013.01 - US); **H01R 13/6271** (2013.01 - EP US); **H01R 13/6666** (2013.01 - US);
H01T 4/06 (2013.01 - EP)

Citation (search report)
See references of WO 2021037473A1

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)
DE 202020101378 U1 20200318; CN 114846707 A 20220802; EP 4022726 A1 20220706; JP 2022546338 A 20221104;
US 2022294157 A1 20220915; WO 2021037473 A1 20210304

DOCDB simple family (application)
DE 202020101378 U 20200312; CN 202080060459 A 20200730; EP 2020071469 W 20200730; EP 20749870 A 20200730;
JP 2022512364 A 20200730; US 202017635077 A 20200730