

Title (en)

Device combination for protecting against electrical surges

Title (de)

Gerätekombination zum Schutz vor Überspannungen

Title (fr)

Combinaison d'appareils pour la protection contre les surtensions

Publication

**EP 2432089 B1 20170315 (DE)**

Application

**EP 11006746 A 20110818**

Priority

- DE 202010012860 U 20100920
- DE 102011013300 A 20110307

Abstract (en)

[origin: EP2432089A2] The combination has a U-shaped lower part, and a plug-in module (2) including an electrical surge protection element and connected with the lower part. A holding or locking unit (3) is provided between the module and the lower part and detachable and/or disengageable by manipulation. A spring element (4) is present between the module and the lower part and pretensioned when the module is inserted. The spring element adjusts the module against plug-in direction in a removal position when the holding or locking unit is detached or disengaged.

IPC 8 full level

**H01T 4/06** (2006.01); **H01R 9/24** (2006.01); **H01R 13/635** (2006.01)

CPC (source: EP)

**H01R 9/2441** (2013.01); **H01R 13/635** (2013.01); **H01T 4/06** (2013.01)

Cited by

CN104641518A; EP2980936A1; FR3024602A1; CN105322498A; WO2019091733A1; US9941669B2; WO2023165761A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 2432089 A2 20120321**; **EP 2432089 A3 20141105**; **EP 2432089 B1 20170315**; CN 102544833 A 20120704; CN 102544833 B 20151125; DE 102011013300 A1 20120322; DE 102011013300 B4 20131010; HK 1170854 A1 20130308; SI 2432089 T1 20170731

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