

Title (en)

DEVICE COMBINATION FOR PROTECTING ELECTRICAL NETWORKS AGAINST OVER-VOLTAGES OR OVER-CURRENTS

Title (de)

GERÄTEKOMBINATION ZUM SCHUTZ VON ELEKTRISCHEN NETZEN VOR ÜBERSPANNUNGEN ODER ÜBERSTRÖMEN

Title (fr)

COMBINAISON D'APPAREILS SERVANT À LA PROTECTION DE RÉSEAUX ÉLECTRIQUES CONTRE DES SURTENSIONS OU DES SURINTENSITÉS

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Application

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Abstract (en)

[origin: WO2020002295A1] The invention relates to a device combination for protecting electrical networks against over-voltages or over-currents, consisting of a substantially u-shaped socket (1) and at least one plug module (2) that can be plugged or slid into the socket, wherein the socket has connection terminals (3) for connecting to the respective network, as well as plug contacts (500) connected to the connection terminals, which plug contacts are complementary to counter plug contacts or contact tongues (5) of the plug module, and, in addition, the plug module has a housing which accommodates one or more lightening current and/or over-voltage arresters, and the counter plug contacts or contact tongues pass through a base side of the housing. According to the invention, means (21) are provided for changing the position and the distance between the plug contacts and the counter plug contacts or contact tongues, wherein, starting from a working position with a closed electrical connection that can withstand a surge current, an idle position can be selected in which the plug contacts and counter plug contacts or contact tongues are in an activationisolation-/release position.

IPC 8 full level

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- DE 202010012860 U1 20101125 - BETTERMANN OBO GMBH & CO KG [DE]
- DE 102005052667 A1 20061005 - DEHN & SOEHNE [DE]
- DE 102006006914 A1 20070823 - PHOENIX CONTACT GMBH & CO [DE]

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