

Title (en)  
ARRANGEMENT OF DISCONNECT TERMINALS WITH A PLUG UNIT AND METHOD FOR SHORT-CIRCUITING AN ARRANGEMENT OF THIS TYPE

Title (de)  
ANORDNUNG VON TRENNKLEMMEN MIT STECKEINHEIT UND VERFAHREN ZUM KURZSCHLIEßEN EINER SOLCHEN ANORDNUNG

Title (fr)  
AGENCEMENT DE BORNES DE DÉCONNEXION AVEC UNE UNITÉ DE PRISE ET PROCÉDÉ DE MISE EN COURT-CIRCUIT D'UN TEL AGENCEMENT

Publication  
**EP 4118714 A1 20230118 (DE)**

Application  
**EP 21710262 A 20210304**

Priority  
• DE 102020106323 A 20200309  
• EP 2021055517 W 20210304

Abstract (en)  
[origin: WO2021180570A1] The invention relates to an arrangement (20) comprising at least two disconnect terminals (1, 1', 1'') and at least one plug unit (14) having a plug section (16) and a connection section (17). The at least two disconnect terminals (1, 1', 1'') comprise a first connection section (2), a second connection section (3) and a switch section (4) arranged in-between and having switch contacts (9, 9', 9''), wherein the first connection section (2) is electrically conductively connected to the second connection section (3) by means of the switch contacts (9, 9', 9'') in a first switch position (A), and the first connection section (2) is separated from the second connection section (3) in a second switch position (C), wherein the plug unit (14) forms a plug connection with the second connection section (3) of the at least two disconnect terminals (1, 1', 1'') via its plug section (16), and wherein the at least one plug unit (14) has a switch unit (18), which short-circuits connections (L1, L2, L3) of the connection section (17) of the plug unit (14). The plug unit (14) with its short-circuit function and contact sections of the second connection section (3) of the at least two disconnect terminals (1, 1', 1''), which are short-circuited in the second switch position (C) of the at least two disconnect terminals (1, 1', 1''), lie behind one another. The invention also relates to a method for short-circuiting an arrangement (20) of at least two disconnect terminals (1, 1', 1'') with at least one plug unit (14).

IPC 8 full level  
**H01H 71/08** (2006.01); **H01R 9/26** (2006.01)

CPC (source: EP)  
**H01R 9/2633** (2013.01); **H01R 9/2675** (2013.01); **H01H 23/28** (2013.01)

Citation (search report)  
See references of WO 2021180570A1

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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**DE 102020106323 A1 20210909**; CN 115244783 A 20221025; EP 4118714 A1 20230118; WO 2021180570 A1 20210916

DOCDB simple family (application)  
**DE 102020106323 A 20200309**; CN 202180019619 A 20210304; EP 2021055517 W 20210304; EP 21710262 A 20210304