

Title (en)
ELECTRICAL SWITCHING ARRANGEMENT

Title (de)
ELEKTRISCHE SCHALTANORDNUNG

Title (fr)
ENSEMBLE DE COMMUTATION ÉLECTRIQUE

Publication
EP 4088298 C0 20240619 (DE)

Application
EP 21708139 A 20210211

Priority
• DE 102020203029 A 20200310
• EP 2021053300 W 20210211

Abstract (en)
[origin: WO2021180413A1] The present invention relates to a switching arrangement (10) having a plurality of at least two contact arrangements (12a, 12b) and a blasting arrangement (18) for blasting the contact arrangements (12a, 12b) with insulation gas (20), wherein the at least two contact arrangements (12a, 12b) each have a first contact piece (14a, 14b) and a second contact piece (16a, 16b) which can be moved relative to one another in order to form an electrical connection when the first contact piece (14a, 14b) and the second contact piece (16a, 16b) are in contact and to form an insulation zone when the contact pieces are isolated from one another, characterized in that the blasting arrangement (18) has at least two blowing volumes (22a, 22b), wherein a first contact arrangement (12a) can be supplied with insulation gas (20) by a first blowing volume (22a) and wherein a second contact arrangement (12b) can be supplied with insulation gas (22) by a second blowing volume (22b).

IPC 8 full level
H01H 33/90 (2006.01); **H01H 33/02** (2006.01)

CPC (source: EP US)
H01H 33/022 (2013.01 - EP); **H01H 33/56** (2013.01 - US); **H01H 33/90** (2013.01 - EP); **H01H 33/91** (2013.01 - US); **H01H 33/22** (2013.01 - EP); **H01H 33/7015** (2013.01 - EP); **H01H 33/91** (2013.01 - EP); **H01H 2033/566** (2013.01 - EP US)

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

Participating member state (EPC – UP)
AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)
DE 102020203029 A1 20210916; EP 4088298 A1 20221116; EP 4088298 B1 20240619; EP 4088298 C0 20240619;
US 2023118886 A1 20230420; WO 2021180413 A1 20210916

DOCDB simple family (application)
DE 102020203029 A 20200310; EP 2021053300 W 20210211; EP 21708139 A 20210211; US 202117910887 A 20210211