

Title (en)
GAS-INSULATED SWITCH

Title (de)
GASISOLIERTER SCHALTER

Title (fr)
COMMUTATEUR À ISOLATION GAZEUSE

Publication
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Application
EP 19745978 A 20190708

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Abstract (en)
[origin: WO2020011695A1] The invention relates to a gas-insulated switch having - a first contact (4, 30) and a second contact (6, 32), each of which are a component of a contact unit (8, 9), wherein at least one contact unit (8) is connected to the first contact (4) as a movement contact unit (8) having a drive unit and is movably mounted along a switch axis (10) and - a multi-part insulation nozzle system (12), which has a primary nozzle (14) and an auxiliary nozzle (16), wherein a heating channel (18) is formed between the primary nozzle (14) and the auxiliary nozzle (16), said heating channel originating from an electric arc chamber (20) and opening in a gas reservoir (22), wherein the gas reservoir (22) is delimited on one side by a ram (24). The invention is characterized in that the gas reservoir (22) is radially delimited by a wall (26), at least in part, in respect of the switch axis (10), which is not a component of the movement contact unit (8), and that the ram (24) is part of the movement contact unit and is movably mounted such that the ram (24) moves along the switch axis (10) away from the second contact during an opening process of the two contact units (8, 9) in order to enlarge the gas reservoir (22).

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