

Title (en)
GAS BLAST CIRCUIT BREAKER

Publication
EP 0069819 B1 19870429 (DE)

Application
EP 82101369 A 19820224

Priority
CH 450781 A 19810709

Abstract (en)
[origin: US4431887A] A movable contact element is surrounded by a co-movable blast nozzle which in the cut-on position is closed by a stationary contact element which is in engagement with the movable contact element. At its inlet side the blast nozzle is flow connected with a pump chamber or compartment which can be pressurized during the cut-off stroke. This pump chamber is constructed in a jacket or shell chamber-like fashion and bounded by an inner cylinder and an outer cylinder. The inner cylinder carries the movable contact element and the outer cylinder carries the blast nozzle. Both cylinders are displaceable by means of a stationarily supported pump piston. In order to prevent any obstruction to the flow of the extinguishing gas which is effluxing out of the pump chamber during the cut-off stroke, both of the cylinders are solely connected with one another at their ends facing away from the blast nozzle by means of a substantially ring-shaped floor member which is preferably formed at both cylinders. In the floor member there are provided at least two guide bores equipped with sliding or wiper contacts. Engaging through the guide bores is a respective electrically conductive, stationarily anchored column member supporting the pump piston.

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H01H 33/91

IPC 8 full level
H01H 33/91 (2006.01); **H01H 33/915** (2006.01)

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