

Title (en)
COMPRESSED-GAS PUFFER-TYPE CIRCUIT INTERRUPTER

Publication
EP 0046174 B1 19840912 (DE)

Application
EP 81104754 A 19810620

Priority
DE 3030749 A 19800814

Abstract (en)
[origin: EP0046174A1] 1. Automatic pneumatic pressure-gas switch with an insulating nozzle (12) from which emerges the insulating gas, compressed during switch-off by a pump (6, 7) operated by the switching movement, for blowing on an arc burning between load contacts (4, 5), wherein the space (20) into which the arc gases flow is surrounded by a cylindrical metal tube (16) and the insulating nozzle (12) with a correspondingly shaped guard (13) slides in this, the nozzle (12) having a cylindrical extension (14) arranged coaxial to the metal tube (16) so that the space (20) is bounded by the tube (16), the extension (14) and the guard (13) of the nozzle (12) characterised in that the insulating nozzle (12) is constructed of layered material, that its layer (13b) facing the metal tube (16) is of a pressure resistant plastics material of high electrical strength and limited arc resistance, and that the layer (13a) facing the load contacts (4, 5) is arc resistant.

IPC 1-7
H01H 33/72; **H01H 33/91**

IPC 8 full level
H01H 33/70 (2006.01); **H01H 33/72** (2006.01); **H01H 33/915** (2006.01)

CPC (source: EP)
H01H 33/7076 (2013.01); **H01H 33/72** (2013.01)

Cited by
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