

Title (en)
GAS BLAST CIRCUIT BREAKER

Publication
EP 0073175 B1 19850306 (DE)

Application
EP 82730107 A 19820812

Priority
DE 3134200 A 19810827

Abstract (en)
[origin: US4450330A] An electric switch includes two quenching nozzles which are arranged opposite each other at the distance of the switching gap; a contact tube; a guide tube and a longitudinally movable switching tube for bridging the switching gap which is coupled, together with a movable pressure piston of a pressure piston/pressure cylinder arrangement provided for generating a quenching medium flow acting on the arc, to a common drive. In order to improve such a switch still further with respect to the quenching medium flow, the pressure piston is connected rigidly to the switching tube and is arranged in a stationary pressure cylinder which is connected in the region of its end surrounding the contact tube via passage openings in the contact tube to the interior of the latter. The pressure piston is connected rigidly to a suction piston in a suction cylinder which is connected in the region of its end facing the pressure cylinder, via holes in the guide tube, to the interior thereof.

IPC 1-7
H01H 33/91

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

CPC (source: EP US)
H01H 33/91 (2013.01 - EP US); **H01H 2033/907** (2013.01 - EP US)

Cited by
EP0741399A1; WO9211652A1

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AT CH DE FR GB LI

DOCDB simple family (publication)
EP 0073175 A1 19830302; EP 0073175 B1 19850306; AT E12056 T1 19850315; DE 3134200 A1 19830310; DE 3262497 D1 19850411; DE 8125211 U1 19850321; JP S5842126 A 19830311; US 4450330 A 19840522

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