

Title (en)
GAS BLAST SWITCH

Publication
EP 0202496 B1 19890222 (DE)

Application
EP 86105620 A 19860423

Priority
CH 213485 A 19850520

Abstract (en)
[origin: US4677265A] The gas-blast circuit breaker preferably provided for switching medium voltage has a housing (1) filled with insulating gas. In this housing (1), two contact members (7, 8) are arranged which can be moved relative to each other along an axis (6), and a fixed (8) one of which is formed of two half-shells (11, 12) spaced apart from each other along a plane of separation (16). A power terminal (5), arranged transversely to the axis (6), is electrically conductively connected to the fixed contact member (8). This circuit breaker is to be simplified while retaining a reliable current transfer from the power terminal (5) to the fixed contact member (8). This is achieved by the fact that the current feed (5) is constructed to be cylindrical and is brought to the half-shells (11, 12) in the plane of separation (6), and that the lengths of the half-shells (11, 12) in the direction of the axis (6) between the power terminal (5) and contact points (17, 18, 19, 20) with the moving contact member (7) have such dimensions that the repelling and attracting current forces occurring at the system of power terminal (5), half-shells (11, 12) and moving contact member (7) essentially compensate each other.

IPC 1-7
H01H 33/02; **H01H 1/38**

IPC 8 full level
H01H 33/70 (2006.01); **H01H 1/38** (2006.01); **H01H 33/02** (2006.01); **H01H 33/985** (2006.01)

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