Title (en)

Metal-clad pressurized-gas power switch.

Title (de)

Metallgekapselter Druckgas-Leitstungsschalter.

Title (fr)

Disjoncteur de puissance à gaz comprimé, logé dans une enceinte métallique.

Publication

EP 0382323 B1 19931201 (DE)

Application

EP 90250025 A 19900201

Priority

DE 3904148 A 19890207

Abstract (en)

[origin: US4965419A] A metal-clad, compressed gas-blast circuit-breaker having a gas-filled housing and an interrupter unit supported in the housing by a hollow post insulator. The circuit-breaker has a shifting linkage with at least one insulating drive rod, the shifting linkage transmitting the switching motion from a driving mechanism to a movable switching contact. In order to reduce the overall axial length of the circuit-breaker, the hollow post insulator comprising only insulating material, is penetrated only by the insulating drive rod and has, for fixing to the housing, on an end area facing away from the interrupter unit, on an outside surface, a premolded flanged ring mounted set back axially from the edge and being adapted to the bearing ring of the housing. The described circuit-breaker is esepcially suited for application in gas-insulated, metal-clad, high-voltage switching stations.

IPC 1-7

H01H 33/91; H01H 33/02

IPC 8 full level

H01H 33/02 (2006.01); **H01H 33/42** (2006.01); **H01H 33/53** (2006.01); **H01H 33/91** (2006.01); **H01H 33/915** (2006.01)

CPC (source: EP US)

H01H 33/42 (2013.01 - EP US); H01H 2033/888 (2013.01 - EP US)

Cited by

EP0872934A1; DE19716022A1; US5981894A

Designated contracting state (EPC)

CH DE FR GB LI SE

DOCDB simple family (publication)

US 4965419 A 19901023; CA 2009298 A1 19900807; CA 2009298 C 19950606; DE 3904148 A1 19900809; DE 59003640 D1 19940113; EP 0382323 A1 19900816; EP 0382323 B1 19931201; JP 2885859 B2 19990426; JP H02234320 A 19900917

DOCDB simple family (application)

US 46705890 A 19900118; CA 2009298 A 19900205; DE 3904148 A 19890207; DE 59003640 T 19900201; EP 90250025 A 19900201; JP 2590190 A 19900205