

Title (en)

DOUBLE MOVEMENT HIGH VOLTAGE CIRCUIT BREAKER

Title (de)

HOCHSPANNUNGSLEISTUNGSSCHALTER MIT DOPPELBEWEGUNG

Title (fr)

DISJONCTEUR HAUTE TENSION A DOUBLE MOUVEMENT

Publication

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Application

EP 00909392 A 20000229

Priority

- FR 0000497 W 20000229
- FR 9902491 A 19990301

Abstract (en)

[origin: FR2790592A1] The invention concerns a circuit breaker wherein each pole comprises a case (1) containing two fixed conductor tubes (3, 4), in line around a zone provided for the pole contacts and connected each to a connection terminal. A semi-mobile moving element comprises a permanent contact element formed by the outside of a cylindrical component (6) capable of sliding in a permanent contact element (9) of the moving element and in the tube. Said element is mounted on a part (5) sliding in the tube (3) which carries a wear contact element (10, 11) penetrating axially into an arc blow nozzle (13) whereto a dielectric gas is sent by a piston (19). A control rod (21) is mobile between a recessed position wherein the contact are interconnected and another wherein they are separated. It acts through a connecting rod assembly to drive the moving elements and the piston in opposite directions.

IPC 1-7

H01H 33/90

IPC 8 full level

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Citation (search report)

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CH DE FR GB LI SE

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