

Title (en)

High-voltage power circuit breaker with two arcing contacts moving in opposite directions

Title (de)

Hochspannungsleistungsschalter mit zwei entgegengesetzt antreibbaren Lichtbogenkontaktstücken

Title (fr)

Disjoncteur de puissance pour haute tension avec deux contacts d'arc mobiles en directions opposées

Publication

EP 0896350 B1 20050921 (DE)

Application

EP 98250239 A 19980626

Priority

DE 29711407 U 19970626

Abstract (en)

[origin: EP0896350A2] The circuit breaker has axially aligned main current contacts and coaxial arc extinction auxiliary contacts , with the latter driven in the opposite direction to the main current contacts. An isolating nozzle (8) is attached to the driven main current contacts and one of the auxiliary contacts, with an attached toothed rack (27) cooperating with a stationary cogwheel (25), for a single-stage Maltese cross switching mechanism (26,22,23,24,28), driving the second auxiliary contact (7).

IPC 1-7

H01H 33/90; **H01H 3/44**

IPC 8 full level

H01H 33/90 (2006.01); **H01H 33/915** (2006.01); **H01H 3/44** (2006.01)

CPC (source: EP)

H01H 33/904 (2013.01); **H01H 3/44** (2013.01); **H01H 33/7023** (2013.01); **H01H 2033/028** (2013.01)

Cited by

CN115662849A

Designated contracting state (EPC)

CH DE FR GB LI

DOCDB simple family (publication)

DE 29711407 U1 19970904; DE 59813066 D1 20060202; EP 0896350 A2 19990210; EP 0896350 A3 19990317; EP 0896350 B1 20050921

DOCDB simple family (application)

DE 29711407 U 19970626; DE 59813066 T 19980626; EP 98250239 A 19980626