

Title (en)

HIGH VOLTAGE CIRCUIT BREAKER WITH TWO ARCING CONTACTS WHICH CAN BE ACTUATED IN AN OPPOSITE DIRECTION

Title (de)

HOCHSPANNUNGS-LEISTUNGSSCHALTER MIT ZWEI ENTGEGENGESETZT ANTREIBBAREN LICHTBOGENKONTAKTSTÜCKEN

Title (fr)

SECTIONNEUR DE PUISSANCE HAUTE TENSION A PIECES DE CONTACT D'ARC ACTIONNABLES DE MANIERE OPPOSEE

Publication

EP 0992050 A1 20000412 (DE)

Application

EP 98942481 A 19980626

Priority

- DE 9801822 W 19980626
- DE 19727850 A 19970626

Abstract (en)

[origin: US6271494B1] A high-voltage circuit breaker is described having arcing contacts, which can be driven in opposite directions, as well as corner gears that are coupled, via a driving rod, with the driven insulating nozzle surrounding the arcing contacts, with the corner gears being designed as a lever mechanism using a two-armed control lever. The one end of the control lever is shaped like a fork, with a journal that is attached to the driving rod engaging with this end. The other end of the control lever is coupled, via a reciprocating element, with the head piece of the second arcing contact, which is driven in the opposite direction.

IPC 1-7

H01H 33/90

IPC 8 full level

H01H 33/24 (2006.01); **H01H 33/90** (2006.01); **H01H 33/915** (2006.01)

CPC (source: EP US)

H01H 33/245 (2013.01 - EP US); **H01H 33/7023** (2013.01 - EP US); **H01H 2033/028** (2013.01 - EP US)

Citation (search report)

See references of WO 9900814A1

Cited by

US9543081B2; EP1930930A1; US7932476B2

Designated contracting state (EPC)

CH DE FR GB LI

DOCDB simple family (publication)

US 6271494 B1 20010807; BR 9811270 A 20000718; BR 9811270 B1 20100713; DE 19727850 C1 19980917; DE 59803205 D1 20020404; EP 0992050 A1 20000412; EP 0992050 B1 20020227; WO 9900814 A1 19990107

DOCDB simple family (application)

US 44677800 A 20000624; BR 9811270 A 19980626; DE 19727850 A 19970626; DE 59803205 T 19980626; DE 9801822 W 19980626; EP 98942481 A 19980626