

Title (en)

Circuit breaker assisted by varistor.

Title (de)

Lastschalter unterstützt durch Varistor.

Title (fr)

Disjoncteur à coupure assistée par varistance.

Publication

**EP 0444568 B1 19950621 (FR)**

Application

**EP 91102721 A 19910225**

Priority

- FR 9002416 A 19900227
- FR 9006787 A 19900531

Abstract (en)

[origin: EP0444568A1] The subject of the invention is a circuit-breaker comprising, for each pole, an arc chamber with fixed contacts and a moving rig comprising moving contacts, and, in parallel with each pole, an assembly comprising a varistor and a switch in series, the said switch being open when the circuit-breaker is disengaged and closed when the circuit-breaker is engaged, characterised in that the said switch comprises a moving contact (54, 94) driven by the moving rig when the circuit-breaker performs an engage manoeuvre, the said moving contact being constrained to follow, with a certain delay, the motion of the moving rig when the circuit-breaker performs a disengage manoeuvre. <IMAGE>

IPC 1-7

**H01H 33/16**

IPC 8 full level

**H01H 7/12** (2006.01); **H01H 9/38** (2006.01); **H01H 33/12** (2006.01); **H01H 33/16** (2006.01); **H01H 33/59** (2006.01)

CPC (source: EP US)

**H01H 33/161** (2013.01 - EP US)

Cited by

DE4204559A1; FR2687246A1; EP0536039A1; FR2682219A1; US5304760A

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

**EP 0444568 A1 19910904; EP 0444568 B1 19950621**; AT E124167 T1 19950715; BR 9100768 A 19911029; CA 2037119 A1 19910828; CA 2037119 C 19960723; CN 1022959 C 19931201; CN 1055443 A 19911016; DE 69110499 D1 19950727; DE 69110499 T2 19951109; ES 2074595 T3 19950916; FR 2662848 A2 19911206; FR 2662848 B2 19940701; JP H04230922 A 19920819; US 5170023 A 19921208

DOCDB simple family (application)

**EP 91102721 A 19910225**; AT 91102721 T 19910225; BR 9100768 A 19910226; CA 2037119 A 19910226; CN 91101967 A 19910226; DE 69110499 T 19910225; ES 91102721 T 19910225; FR 9006787 A 19900531; JP 11706491 A 19910227; US 66116791 A 19910227