

Title (en)

HIGH-VOLTAGE CIRCUIT BREAKER WITH INTERRUPTER UNIT

Title (de)

HOCHSPANNUNGSLEISTUNGSSCHALTER MIT EINER UNTERBRECHEREINHEIT

Title (fr)

SECTIONNEUR DE PUISSANCE HAUTE TENSION POURVU D'UNE UNITE DISJONCTEUR

Publication

EP 1105898 A1 20010613 (DE)

Application

EP 99945882 A 19990630

Priority

- DE 9902031 W 19990630
- DE 19832709 A 19980714

Abstract (en)

[origin: DE19832709A1] A high voltage circuit breaker, comprising a baffle system for diverting arc quenching gas radially outwards by more than 90 deg after use, is new. A high voltage circuit breaker, enclosed by a quenching gas-filled housing (16), has a blowing system (5,6) for blowing quenching gas at an arc between the two arcing contacts (1,2) of an interrupter unit, the gas subsequently flowing away in the axial direction of the contacts and a baffle system (9,10,11) being provided in the flow away region. The novelty is that the baffle system diverts the quenching gas stream radially outwards by more than 90 deg .

IPC 1-7

H01H 33/70

IPC 8 full level

H01H 33/70 (2006.01); **H01H 33/915** (2006.01); **H01H 33/91** (2006.01)

CPC (source: EP US)

H01H 33/7015 (2013.01 - EP US); **H01H 33/91** (2013.01 - EP US); **H01H 2033/888** (2013.01 - EP US)

Citation (search report)

See references of WO 0004565A1

Cited by

DE102011083594A1; RU2608173C2; US7402771B2; WO2013045235A1; US9076611B2; US11862420B2

Designated contracting state (EPC)

CH DE FR GB LI

DOCDB simple family (publication)

DE 19832709 A1 20000127; **DE 19832709 C2 20001207**; **DE 19832709 C5 20060511**; DE 59902781 D1 20021024; EP 1105898 A1 20010613; EP 1105898 B1 20020918; US 6717791 B1 20040406; WO 0004565 A1 20000127

DOCDB simple family (application)

DE 19832709 A 19980714; DE 59902781 T 19990630; DE 9902031 W 19990630; EP 99945882 A 19990630; US 74341702 A 20020802