Title (en)

HIGH-VOLTAGE CIRCUIT BREAKER

Title (de)

HOCHSPANNUNGSLASTSCHALTER

Title (fr)

DISJONCTEUR A HAUTE TENSION

Publication

EP 0806049 B1 20000315 (EN)

Application

EP 95942364 A 19951222

Priority

- SE 9501574 W 19951222
- SE 9404549 A 19941229

Abstract (en)

[origin: WO9621234A1] The invention relates to a high-voltage circuit breaker according to the self-blast and/or puffer-type principle. The main current path of the circuit breaker is made of tube of a plastically machinable material, preferably copper or a copper alloy. The blast piston (28) of the circuit breaker and any other components included in the circuit breaker, such as a guide (29) for the operating rod, etc., are fixed to the respective current path section (26) by pressing the plastically machinable material in the current path into a prepared groove (31, 32) in the respective component (28, 29). The blast piston (28) may alternatively be directly integrated into the respective tubular current path section (26) by curving the end portion of the tube inwards in such a way as to create an annular bottom forming a blast piston.

IPC 1-7

H01H 33/91

IPC 8 full level

H01H 33/02 (2006.01); **H01H 33/91** (2006.01); **H01H 33/915** (2006.01)

CPC (source: EP)

H01H 33/025 (2013.01); **H01H 33/91** (2013.01)

Cited by

EP1814132A1; CN102856114A; EP1686602A1; US7619177B2; US8633413B2; WO2006081697A1; WO2007087733A1; US7902478B2

Designated contracting state (EPC)

CH DE ES FR GB IT LI

DOCDB simple family (publication)

WO 9621234 A1 19960711; DE 69515701 D1 20000420; DE 69515701 T2 20001102; EP 0806049 A1 19971112; EP 0806049 B1 20000315; ES 2146793 T3 20000816; SE 514917 C2 20010514; SE 9404549 D0 19941229; SE 9404549 L 19960630

DOCDB simple family (application)

SE 9501574 W 19951222; DE 69515701 T 19951222; EP 95942364 A 19951222; ES 95942364 T 19951222; SE 9404549 A 19941229