

Title (en)

SELF-BLAST CIRCUIT BREAKER WITH CONTROL BODY

Title (de)

SELBSTBLASSCHALTER MIT STEUERKÖRPER

Title (fr)

DISJONCTEUR A AUTOSOUFFLAGE POURVU D'UN CORPS DE COMMANDE

Publication

EP 1913621 A1 20080423 (DE)

Application

EP 05769372 A 20050810

Priority

CH 2005000468 W 20050810

Abstract (en)

[origin: WO2007016797A1] The invention relates to a self-blast circuit breaker wherein the inner contact (3) is provided with a control body (9), running into or against the outer contact (2). The control body (9) forces the arc into an arc zone (10) in the form of a hollow cylinder. A more rapid build-up of pressure is thus achieved with an improved charging of the quenching chamber (5) of the breaker with quenching gas. By means of suitable shaping of the control body (9) the gas flow out of or into the arc zone (10) can be optimised.

IPC 8 full level

H01H 33/18 (2006.01); **H01H 33/70** (2006.01); **H01H 33/98** (2006.01)

CPC (source: EP US)

H01H 33/182 (2013.01 - EP US); **H01H 33/7023** (2013.01 - EP US); **H01H 33/7069** (2013.01 - EP US); **H01H 33/7076** (2013.01 - EP US); **H01H 33/98** (2013.01 - EP US)

Citation (search report)

See references of WO 2007016797A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2007016797 A1 20070215; EP 1913621 A1 20080423; US 2008135523 A1 20080612

DOCDB simple family (application)

CH 2005000468 W 20050810; EP 05769372 A 20050810; US 6867108 A 20080208