

Title (en)

Circuit breaker with variable damping resistance

Title (de)

Lastschalter mit variablen Dämpfungswiderstand

Title (fr)

Disjoncteur de générateur avec résistance d'amortissement variable

Publication

**EP 0831505 A1 19980325 (FR)**

Application

**EP 97402135 A 19970915**

Priority

FR 9611493 A 19960920

Abstract (en)

The circuit breaker presents two chambers (11,12) and collectors (13,14) which are connected to a variable resistor (1). The resistor has a tubular shape and is made up of a number of elementary resistors (2). Each elementary resistor has a polymer matrix with carbon fragments in suspension and two parallel electrodes (4,5). The electrodes are flat and made of copper. The whole resistor is covered by a protection envelope (6) with ventilation openings (10).

Abstract (fr)

Disjoncteur de générateur mettant en oeuvre des bâtonnets de résistance à polymère chargé de noir de carbone, lesdits bâtonnets étant composés d'éléments de résistance en série intercalés par des espaces libres et connectés par des électrodes en quinconce. <IMAGE>

IPC 1-7

**H01H 33/16**

IPC 8 full level

**H01H 33/16** (2006.01)

CPC (source: EP)

**H01H 33/165** (2013.01)

Citation (search report)

- [Y] EP 0152718 A1 19850828 - SIEMENS AG [DE]
- [Y] GB 858117 A 19610104 - ENGLISH ELECTRIC CO LTD
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- [A] EP 0508647 A2 19921014 - NGK INSULATORS LTD [JP]
- [A] FR 2625626 A1 19890707 - ALSTHOM [FR]

Designated contracting state (EPC)

AT CH DE ES GB IT LI SE

DOCDB simple family (publication)

**EP 0831505 A1 19980325**; FR 2753833 A1 19980327; FR 2753833 B1 19981023

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