

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)

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- [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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