

Title (en)

Device for predetermining the arcing time in a direct current, low-medium voltage vacuum switch.

Title (de)

Vorrichtung zum Vorherbestimmen der Lichtbogenzeit in einem Gleichstrom, Niedermittelspannungsvakuumschalter.

Title (fr)

Dispositif pour prédéterminer le temps d'un arc électrique dans un interrupteur à vide, à courant continu et à tension basse-moyenne.

Publication

**EP 0178733 A2 19860423 (EN)**

Application

**EP 85201662 A 19851011**

Priority

IT 2316684 A 19841016

Abstract (en)

In order to increase the electrical life of a direct current, low-medium voltage vacuum switch, a device is proposed for predetermining the arcing time during switch opening. The device consists of an optical sensor, in particular of optical fibre type, able to determine the instant of contact separation, and to provide by way of a delay circuit the enabling command for discharging a capacitor bank which causes the current to pass through zero.

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IPC 8 full level

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CPC (source: EP)

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Cited by

EP1742241A3; DE3841592A1; DE4447391C1; EP0556616A1; US5402297A; US9013853B2; EP2995966A1; WO2013060359A1

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