

Title (en)

ELECTRICAL SWITCHING DEVICE WITH POTENTIAL CONTROL

Title (de)

ELEKTRISCHES SCHALTGERÄT MIT POTENTIALSTEUERUNG

Title (fr)

COMMUTATEUR ÉLECTRIQUE AVEC COMMANDE DE POTENTIAL

Publication

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Application

**EP 07703610 A 20070103**

Priority

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- DE 102006004811 A 20060126

Abstract (en)

[origin: WO2007085510A1] Electrical switching device with potential control Electrical switching device, having at least one interrupter unit, wherein the interrupter unit has an electrical switching point, and the interrupter unit having in each case one switching point has an electrical capacitance with respect to the electrical grounding. Conventionally, electrical switching devices, such as circuit breakers for high-voltage installations, for example, with so-called control capacitors, which are connected in parallel with the switching point, are used for making the voltage uniform across a plurality of interrupter units of an electrical switching device. As a result, a virtually uniform voltage load on all the interrupter units of the electrical switching device is ensured. The subject matter of the present invention is to use resistive and/or inductive components for making the voltage uniform across an electrical switching device instead of or in addition to the control capacitors used.

IPC 8 full level

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CPC (source: EP US)

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