

Title (en)

Isolator switch with improved breaking capacity and vertical opening movement

Title (de)

Trennschalter mit verbesserter Ausschaltleistung und mit vertikaler Öffnungsbewegung

Title (fr)

Sectionneur à pouvoir de coupure amélioré, notamment sectionneur à ouverture verticale

Publication

**EP 0592742 B1 19970521 (FR)**

Application

**EP 92402751 A 19921008**

Priority

- EP 92402751 A 19921008
- FR 9104346 A 19910410

Abstract (en)

[origin: US5243159A] A section switch of the type has a blade connected at a first end to a first connector. The blade is enabled during an opening stage, firstly to rotate about its own axis and secondly to pivot about a transverse axis. The blade includes at a second end, a contact hammer for co-operating with jaws connected to a second connector. The section switch also includes a mechanism such that during an opening operation, once the blade has rotated about its own axis with disconnection of the hammer electrically from the jaws, electricity is initially diverted through and is subsequently switched by an interrupter switch. The interrupter switch opens under the control of a sudden break drive mechanism controlled by the displacement of the blade. The section switch includes two horns between which a sacrificial hammer moves with friction.

IPC 1-7

**H01H 33/12**; **H01H 31/28**

IPC 8 full level

**H01H 3/02** (2006.01); **H01H 31/28** (2006.01); **H01H 33/12** (2006.01)

CPC (source: EP US)

**H01H 31/28** (2013.01 - EP US); **H01H 33/126** (2013.01 - EP US)

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