

Title (en)

Electrical contact device with efficient cutting

Title (de)

Elektrische Kontaktvorrichtung mit leistungsfähiger Unterbrechung

Title (fr)

Dispositif de contact électrique à coupure performante

Publication

**EP 2518746 B1 20180718 (FR)**

Application

**EP 12163351 A 20120405**

Priority

FR 1153598 A 20110427

Abstract (en)

[origin: EP2518746A1] The device has a movable contact element (2) moving between cut-off and contact positions relative to a fixed contact element (1). Current paths (31, 32) are connected together in a direction to undergo an electromagnetic force produced by flow of current. The force is converted into a support force to support the movable contact element by rotating the movable contact element around a rotation axle (X) on a support (41). The movable contact element moves between the positions by the movement of support. A distance between the paths remains constant during the movement of the contact element.

IPC 8 full level

**H01H 1/54** (2006.01)

CPC (source: EP)

**H01H 1/54** (2013.01); **H01H 2001/2091** (2013.01)

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DOCDB simple family (publication)

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