

Title (en)

Circuit breaker mechanism provided with an energy accumulator with a damping stop

Title (de)

Schaltermechanismus mit Energiespeicher mit Dämpfungsanschlag

Title (fr)

Mécanisme de disjoncteur équipé d'un dispositif accumulateur d'énergie à butée d'amortissement

Publication

EP 0696039 B1 19990113 (FR)

Application

EP 95410068 A 19950704

Priority

FR 9409732 A 19940801

Abstract (en)

[origin: EP0696039A1] The control mechanism 916) includes a pair of connection rods (20,22) articulated to a rotation axis (24). The lower rod is coupled to a transversal cylinder (23) common to a pair of contacts (10,12). The cylinder can rotate between two positions: contact closed and opened. The mobile contact (12) is separated from its insulating support (28) by a spring (36). A shock absorber (64) includes a re-loading cam (62) and a telescopic link (90) with an integrated shock damper. A guide (92) receives the sliding head of the telescopic link. A main spring (106) is inserted between the sliding head and a base (108).

IPC 1-7

H01H 3/60

IPC 8 full level

H01H 3/60 (2006.01); **H01H 3/30** (2006.01)

CPC (source: EP KR US)

H01H 3/60 (2013.01 - EP US); **H01H 33/02** (2013.01 - KR); **H01H 3/30** (2013.01 - EP US); **H01H 3/3015** (2013.01 - EP US); **H01H 2003/3068** (2013.01 - EP US)

Cited by

DE10065090C1; CN103077860A; EP1914772A1; EP1178505A1; FR2812760A1; WO2011012564A1

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