

Title (en)

Switching mechanism for air circuit breaker and toggle links thereof

Title (de)

Schaltmechanismus für einen Druckluftschalter und Umschaltverknüpfungen dafür

Title (fr)

Mécanisme de commutation pour un disjoncteur à air et bielles de guidage correspondantes

Publication

EP 1939903 B1 20100512 (EN)

Application

EP 07023461 A 20071204

Priority

KR 20060033041 U 20061229

Abstract (en)

[origin: EP1939903A1] Disclosed are a switching mechanism for an air circuit breaker, and toggle links thereof capable of preventing interference or collision therebetween while the air circuit breaker performs a closing operation and an opening operation. The toggle links comprise: a first link (29) configured to be rotatable; a second link (34) having one end connected to the first link, rotatable by a discharging elastic energy of a closing spring, and having one pair of extension portions (55) extended towards the first link so as to prevent interference with the first link by interposing the first link therebetween; and a third link (35) having one end connected to the second link, and rotated together with the second link, for moving the movable contactor to the closing position.

IPC 8 full level

H01H 3/46 (2006.01)

CPC (source: EP KR)

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H01H 3/3052 (2013.01 - EP); **H01H 2003/3089** (2013.01 - KR)

Cited by

CN114388282A; US8119942B2; US9484161B2

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DE 602007006405 D1 20100624; ES 2345362 T3 20100921; KR 200442291 Y1 20081027; KR 20080002431 U 20080703;
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