

Title (en)

Air circuit breaker and link thereof

Title (de)

Luftleistungsschalter und Klinkenhebel dafür

Title (fr)

Disjoncteur à air et sa bielle

Publication

EP 1914777 A1 20080423 (EN)

Application

EP 07019932 A 20071011

Priority

KR 20060101064 A 20061017

Abstract (en)

An air circuit breaker comprising: a cam (22) connected to a rotational shaft (21) to be rotated; a driving lever (24) connected to the cam to be rotated; a closing spring (25) connected to the driving lever to be compressed by the rotation of the driving lever; and a plurality of links (29,34,35) for transferring a tensile force generated when the closing spring is tensioned to a switching shaft connected to a movable contact, wherein at least one (29) of the plurality of links has a structure that a plurality of members are coupled to one another, whereby operation reliability of the air circuit breaker can be enhanced and a lifetime thereof can be elongated by preventing abrasion or damage from being occurred on the links during the operation of the air circuit breaker.

IPC 8 full level

H01H 3/46 (2006.01); **H01H 3/30** (2006.01)

CPC (source: EP KR)

H01H 3/30 (2013.01 - EP KR); **H01H 3/3015** (2013.01 - KR); **H01H 3/3026** (2013.01 - KR); **H01H 3/46** (2013.01 - EP KR); **H01H 31/02** (2013.01 - KR); **H01H 33/28** (2013.01 - KR); **H01H 33/40** (2013.01 - KR); **H01H 33/42** (2013.01 - KR); **H01H 3/3015** (2013.01 - EP); **H01H 3/3026** (2013.01 - EP)

Citation (search report)

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DOCDB simple family (application)

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