

Title (en)

Spring charging device of air circuit breaker

Title (de)

Feder-Antriebsvorrichtung für Luftleistungsschalter

Title (fr)

Dispositif de chargement de ressort pour un disjoncteur à air

Publication

EP 2028670 A3 20100825 (EN)

Application

EP 08162665 A 20080820

Priority

KR 20070083504 A 20070820

Abstract (en)

[origin: EP2028670A2] Disclosed is a spring charging device (100) of air circuit breaker mounted with at least one or more micro switches and a switch lever (140) for turning on/off the micro switches capable of compressing the spring (11) and notifying completion of the compression of the spring when the charging is completed, thereby enhancing the efficiency in operation of the air circuit breaker by a user (an operator).

IPC 8 full level

H01H 3/30 (2006.01)

CPC (source: EP KR)

H01H 3/3015 (2013.01 - EP KR); **H01H 3/3026** (2013.01 - EP KR); **H01H 33/28** (2013.01 - KR); **H01H 33/40** (2013.01 - KR); **H01H 33/42** (2013.01 - KR); **H01H 2003/3063** (2013.01 - EP KR); **H01H 2003/3073** (2013.01 - EP KR)

Citation (search report)

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- [Y] US 5906271 A 19990525 - CASTONGUAY ROGER N [US], et al
- [A] US 2002088699 A1 20020711 - FANTA THOMAS O [US], et al
- [A] US 4245140 A 19810113 - JENCKS CHARLES L, et al
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CN107845513A; EP2575150A1; FR2980909A1; WO2016016011A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 08162665 A 20080820; CN 200810210849 A 20080820; ES 08162665 T 20080820; KR 20070083504 A 20070820; MY PI20083150 A 20080818; RU 2008133881 A 20080819