

Title (en)  
CIRCUIT BREAKER

Title (de)  
SCHUTZSCHALTER

Title (fr)  
DISJONCTEUR

Publication  
**EP 3244435 B1 20190828 (EN)**

Application  
**EP 15876875 A 20150109**

Priority  
JP 2015050470 W 20150109

Abstract (en)  
[origin: EP3244435A1] In a circuit breaker in which a breaking operation is performed when a trip bar 33 is driven by an overcurrent tripping device and a reset operation of the trip bar 33 is performed by a biasing force of a spring 35, wherein a point of action on which the biasing force of the spring acts on the trip bar is formed between a bearing point of the spring and an end of the spring, and thereby within the full operating range of the trip bar, the operating load of the trip bar is not increased until the tripping completion position by the overcurrent tripping device, moreover, it is possible to obtain a large rotational moment on the trip bar after the tripping is completed.

IPC 8 full level  
**H01H 71/12** (2006.01); **H01H 71/50** (2006.01); **H01H 71/52** (2006.01)

CPC (source: EP KR)  
**H01H 71/12** (2013.01 - EP); **H01H 71/123** (2013.01 - KR); **H01H 71/505** (2013.01 - EP); **H01H 71/525** (2013.01 - EP)

Designated contracting state (EPC)  
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**EP 3244435 A1 20171115**; **EP 3244435 A4 20180815**; **EP 3244435 B1 20190828**; CN 107112169 A 20170829; CN 107112169 B 20190329; JP 6289677 B2 20180307; JP WO2016111000 A1 20170427; KR 101948454 B1 20190214; KR 20170082587 A 20170714; WO 2016111000 A1 20160714

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**EP 15876875 A 20150109**; CN 201580073431 A 20150109; JP 2015050470 W 20150109; JP 2016568242 A 20150109; KR 20177015508 A 20150109