

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