

Title (en)  
A CIRCUIT BREAKER

Title (de)  
SCHUTZSCHALTER

Title (fr)  
DISJONCTEUR

Publication  
**EP 3716305 B1 20230809 (EN)**

Application  
**EP 20166458 A 20200327**

Priority  
CN 201920409727 U 20190328

Abstract (en)  
[origin: EP3716305A1] Embodiments of the present disclosure provide a circuit breaker. The circuit breaker comprises: a shaft including a first section and a second section; a movable contact assembly arranged on the shaft along an extending direction of the shaft and including a movable contact; and a driving mechanism coupled to the first section and adapted to drive the movable contact assembly to rotate with the shaft, such that the movable contact contacts with or disengages from a stationary contact of the circuit breaker, wherein the shaft further comprises an insulating layer disposed on the first section and the second section. The effective insulation protection for the shaft is achieved by the insulating layer arranged on the first section and second section, thereby avoiding the breakdown of the shaft upon the short circuit and reducing the risk of the inter-phase short circuit.

IPC 8 full level  
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CPC (source: EP KR)  
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