

Title (en)
CIRCUIT BREAKER

Title (de)
SCHUTZSCHALTER

Title (fr)
DISJONCTEUR

Publication
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Application
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Abstract (en)
[origin: EP4181166A1] A circuit breaker having an optimized structure, the circuit breaker comprising a circuit breaker housing, a release (5), a locking mechanism (4), an operating mechanism (2), a contact system (3), and an arc extinguishing system (6). The contact system comprises a moving contact (31) and a stationary contact, the moving contact moves relative to the stationary contact to implement connection or disconnection, and the movement of the moving contact forms a moving track. The contact system is approximately arranged at a central position, and the release, the locking mechanism, the operating mechanism, and the arc extinguishing system are approximately arranged on the outer periphery so as to surround the contact system. The moving track of the contact system is located below the contact system, the locking mechanism traverses above the contact system, the release and the operating mechanism are disposed on two sides of the contact system, respectively, and the arc extinguishing system is disposed below the contact system so as to at least partially cover the moving track.

IPC 8 full level
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- No further relevant documents disclosed
- See references of WO 2022007962A1

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