

Title (en)
CIRCUIT BREAKER

Title (de)
SCHUTZSCHALTER

Title (fr)
DISJONCTEUR

Publication
EP 3889987 A4 20220824 (EN)

Application
EP 19890761 A 20191129

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Abstract (en)
[origin: EP3889987A1] A circuit breaker is provided, which includes a housing, and a circuit breaker phase pole and a leakage protection pole arranged on two sides of the housing side by side, wherein the leakage protection pole includes a zero-sequence current transformer, a leakage operating mechanism, and a leakage testing mechanism, and a major loop of the circuit breaker phase pole passes through the zero-sequence current transformer; the leakage testing mechanism includes an elastic member, a test button, and a first contact member and a second contact member respectively connected to two ends of a test loop, one end of the elastic member is provided with a first contact portion matched with the leakage operating mechanism or a phase pole operating mechanism, the other end of the elastic member is provided with a second contact portion matched with the test button, the leakage operating mechanism or a phase pole circuit breaker is capable of pushing the first contact portion to contact with the first contact member when the circuit breaker is switched on, the test button is capable of pushing the second contact portion to contact with the second contact member, the testing mechanism forms the test loop with double breakpoints through two contact points of the first contact portion and the second contact portion on the elastic member, and the first contact portion and the second contact portion are respectively driven by the electric leakage operating mechanism and the test button.

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
• [XA] WO 2014167603 A1 20141016 - PANASONIC CORP [JP]
• See references of WO 2020108624A1

Cited by
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Designated contracting state (EPC)
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