Title (en)

OPERATING MECHANISM FOR CIRCUIT BREAKER

Title (de)

BETÄTIGUNGSMECHANISMUS FÜR SCHUTZSCHALTER

Title (fr)

MÉCANISME D'ACTIONNEMENT POUR DISJONCTEUR

Publication

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Application

EP 22762376 A 20220216

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- CN 2022076511 W 20220216

Abstract (en)

[origin: CN115036184A] The invention provides an operating mechanism for a circuit breaker, which comprises an operating assembly, a transmission mechanism and a locking mechanism, and is characterized in that the operating assembly comprises a supporting piece and a rotating piece rotationally mounted on the supporting piece, and the rotating piece is provided with a first limit position and a second limit position in the rotating direction. According to the operating mechanism for the circuit breaker, the operating assembly, the transmission mechanism and the locking mechanism are arranged to form the transmission chain and the locking chain, the arc extinguishing device is arranged on the lower portion, in other words, the arc extinguishing device also extends in the length direction of the circuit breaker, and compared with an arc extinguishing mechanism extending in the height direction of the circuit breaker in the prior art, the operating mechanism has the advantages that the operating efficiency is improved; the arc extinguishing device can occupy a larger space, so that a higher short-circuit current can be broken.

IPC 8 full level

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CPC (source: CN EP)

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