

Title (en)

Circuit breaker and method of tripping a circuit breaker

Title (de)

Schutzschalter und Verfahren zur Auslösung eines Schutzschalters

Title (fr)

Disjoncteur et procédé de déclenchement d'un disjoncteur

Publication

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Application

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Priority

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Abstract (en)

[origin: EP2669923A1] A circuit breaker includes a trigger assembly having first and second trigger members, and a tripping mechanism configured and disposed to act upon the first and second trigger members to selectively open an electrical circuit upon receipt of a mechanical trip signal input, and provide a mechanical trip signal output. The tripping mechanism includes a hammer having a first end defining an axis of rotation, a second end configured and disposed to act upon one of the first and trigger members and an intermediate portion spaced from each of the first and second ends. A spring member includes an end section arranged to act upon the intermediate portion. The spring member is configured and disposed to apply a force to the intermediate portion to urge the hammer about the axis of rotation to cause the second end to disengage from the one of the first and second trigger members.

IPC 8 full level

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