

Title (en)
ELECTRIC CIRCUIT BREAKER

Title (de)
ELEKTRISCHER LEISTUNGSSCHALTER

Title (fr)
DISJONCTEUR ÉLECTRIQUE

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Application
EP 14808929 A 20141202

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Abstract (en)
[origin: WO2015090934A1] The invention relates to an electric circuit breaker comprising a spring energy store drive (20) having a spring (21) and a manual winding device (11) suitable for manually tensioning the spring (21). In accordance with the invention, provision is made for the manual winding device (11) to have a rotatable latching disk (18), a latching pawl (15) arranged next to the latching disk (18), in particular on the end side of the latching disk (18), and a manual actuating device (11) connected to the latching pawl (15) for moving the latching pawl (15), for the latching pawl (15) to be guided or guidable into a latching toothed portion of the latching disk (18) and for the latching pawl (15) to be capable of moving owing to an actuation of the actuating device (11) and, as a result, for the latching disk (18) to be capable of rotating along a preset desired rotation direction (S) for tensioning the spring (21), and for the latching toothed portion to be asymmetrical such that a force transmission from the latching pawl (15) onto the latching disk (18) is only possible along the desired rotation direction (S) and the latching disk (18) slides along the latching pawl (15) when the latching disk (18) rotates along the desired rotation direction (S) more quickly than the latching pawl (15).

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