

Title (en)  
ACTUATOR FOR A MEDIUM VOLTAGE CIRCUIT BREAKER

Title (de)  
AKTUATOR FÜR EINEN MITTELSPANNUNGSSCHUTZSCHALTER

Title (fr)  
ACTIONNEUR POUR UN DISJONCTEUR MOYENNE TENSION

Publication  
**EP 3693985 A1 20200812 (EN)**

Application  
**EP 19156490 A 20190211**

Priority  
EP 19156490 A 20190211

Abstract (en)  
The present invention relates to an actuator for a medium voltage circuit breaker. The actuator comprises a closing shaft (1), and a closing hook (2). The closing shaft has a longitudinal axis. The closing shaft comprises an interaction region at an interaction location along the longitudinal axis. The closing shaft is configured to rotate about the longitudinal axis. In a first state the closing shaft is configured to be at a first rotational position, wherein the closing hook is configured to be in contact with the interaction region such that the closing hook cannot rotate in a first rotational direction. In a second state the closing shaft is configured to be at a second rotational position, wherein the closing hook is configured to rotate in the first rotational direction past the interaction region of the closing shaft. The actuator is configured to transition from the first state to a third state, wherein the closing shaft is configured to rotate from the first rotational position to a third rotational position, wherein the closing hook is configured to be in contact with the interaction region such that the closing hook has been rotated in a second rotational direction opposite to the first rotational direction.

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**H01H 9/24** (2006.01)

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Citation (search report)  
• [X] EP 2650892 A1 20131016 - SCHNEIDER ELECTRIC IND SAS [FR]  
• [X] US 5929405 A 19990727 - WEHRLI III HENRY ANTHONY [US], et al  
• [X] WO 2013137846 A1 20130919 - SIEMENS AG [DE], et al

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Designated extension state (EPC)  
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