

Title (en)

MAGNETIC TRIPPING DEVICE FOR ELECTRICAL SWITCHGEAR

Title (de)

MAGNETAUSLÖSER FÜR STROMUNTERBRECHUNGSGERÄT

Title (fr)

DÉCLENCHEUR MAGNÉTIQUE POUR APPAREIL ÉLECTRIQUE DE COUPURE

Publication

**EP 3699943 B1 20220511 (FR)**

Application

**EP 19315007 A 20190221**

Priority

EP 19315007 A 20190221

Abstract (en)

[origin: CN213026010U] The invention relates to a magnetic actuator for an electrical disconnect device of the circuit breaker or contactor type, comprising a coil (40), a yoke (60) forming a core of the coil (40), a first spring element (80) and a second spring element (82). The yoke (60) includes a first fixed portion (62), a second movable portion (64), and a third movable portion (66). The coil (40), the yoke (60), the first spring element (80) and the second spring element (82) are configured and arranged to cause a displacement of the second movable portion (64) from the disengaged position (PE) to the coupled position when the coil (40) is passed by a current of a first intensity, and configured and arranged to cause displacement of the third movable portion (66) from the rest position (PR) to the working position when the coil (40) is passed through by a current of a second intensity greater than the first intensity.

IPC 8 full level

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CPC (source: EP)

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