

Title (en)
DRIVE FOR A SWITCHING DEVICE

Title (de)
ANTRIEB FÜR EIN SCHALTGERÄT

Title (fr)
MÉCANISME DE MANŒVRE POUR APPAREIL DE COUPURE ÉLECTRIQUE

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Application
EP 14718051 A 20140415

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Abstract (en)
[origin: WO2014173728A1] The invention relates, inter alia, to a drive (100) for a switching device (10) which has a contact system (20) with a fixed contact (30) and a moving contact (40), having an actuator (110) for operating the moving contact (40) for closing or opening the contact system (20), and also having a mechanical transmission device (120) which is arranged between the moving contact (40) and the actuator (110). The invention makes provision for the transmission device (120) to have a toggle joint mechanism (130) which is formed by a folding lever (140), which can be pivoted about a stationary bearing (160), and a coupling element (150), which is connected to the folding lever (140) by means of a moving bearing (170), wherein the toggle joint mechanism (130) can be pivoted between a first end position and a second end position and, when the changeover is made from the first end position to the second end position or vice versa, a maximum extended position occurs, and wherein the coupling element (150) holds the moving contact (40) in that position which closes the contact system (20) in the first end position and in that position in which the contact system (20) is open in the second end position.

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