

Title (en)
ELECTROMECHANICAL ACTUATOR FOR BLACKOUT OR SUN-SHADING DEVICE AND BLACKOUT OR SUN-SHADING INSTALLATION COMPRISING SUCH AN ACTUATOR

Title (de)
ELEKTROMECHANISCHES STELLGLIED FÜR VERDUNKELUNGS- ODER SONNENSCHUTZVORRICHTUNG UND VERDUNKELUNGS- ODER SONNENSCHUTZANLAGE MIT EINEM SOLCHEN STELLGLIED

Title (fr)
ACTIONNEUR ÉLECTROMÉCANIQUE POUR DISPOSITIF D'OCCULTATION OU DE PROTECTION SOLAIRE ET INSTALLATION D'OCCULTATION OU DE PROTECTION SOLAIRE COMPRENANT UN TEL ACTIONNEUR

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Abstract (en)
[origin: WO2021123176A1] An electromechanical actuator (10) is designed to be integrated into a blackout or sun-shading device. The blackout or sun-shading device comprises at least one screen, a top bar, a bottom bar, a top winding shaft (12a) and a bottom winding shaft (12b). The screen is arranged between the top and bottom bars. The top bar is connected to the top winding shaft (12a) by means of first cords. Moreover, the bottom bar is connected to the bottom winding shaft (12b) by means of second cords. The electromechanical actuator (10) comprises first and second transmission devices (21a, 21b) and a single electric motor (18), the motor (18) being configured to drive the winding shafts (12a, 12b). The first transmission device (21a) is connected to the motor (18) and to the top winding shaft (12a) and comprises a first clutch (24a). The second transmission device (21b) is connected to the electric motor (18) and to the bottom winding shaft (12b) and comprises a second clutch (24b). When the motor (18) is activated electrically and only one of the clutches (24a, 24b) is engaged, only one of the winding shafts (12a, 12b) is rotated by the motor (18). Moreover, when the motor (18) is activated electrically and the clutches (24a, 24b) are engaged, the winding shafts (12a, 12b) are rotated by the motor (18).

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