

Title (en)

Motorised drive arrangement of a winding tube for a screen belonging to a concealment device

Title (de)

Motorisierte Antriebsvorrichtung eines Aufrollrohrs für eine Blende, die zu einer Abdeckvorrichtung gehört

Title (fr)

Dispositif d'entraînement motorisé d'un tube d'enroulement pour un écran appartenant à un dispositif d'occultation

Publication

EP 2886785 B1 20160921 (FR)

Application

EP 14198475 A 20141217

Priority

FR 1363302 A 20131220

Abstract (en)

[origin: CN104727726A] The invention provides a motorised drive arrangement of a winding tube for a screen belonging to a concealment device. The drive arrangement comprises an electromotor. The electromotor comprises a drive device, a reduction gear, and an output shaft (12). The output shaft is linked to a winding tube through a connecting device. The output shaft (12) comprises at least one first element (16) and one second element (17). The electromotor comprises a device for connecting the first element (16) and the reduction gear. The first element (16) and the second element (17) are connected in a rotating manner through a mechanism (18) having limited mechanism play, and thereby the mechanism (18) having limited mechanism play can be integrated into the output shaft (12). The motorized drive arrangement comprises a control device, which is configured to be used for detecting the rotation between the first element and the second element (16, 17). Accordingly, during the moving process of a curtain, the existence of barriers and/or route end part abutting piece can be detected. As for the connecting device (29), the output shaft (12) is connected to external accessories of the winding tube without any mechanism having limited mechanical play.

IPC 8 full level

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CPC (source: EP)

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