

Title (en)

CABLE ACTUATOR ALLOWING INCREASED JOINT CLEARANCE

Title (de)

KABELANTRIEB FÜR ERHÖHTEN SPIELRAUM EINER VERBINDUNG

Title (fr)

VERIN A CABLE PERMETTANT UN DEBATTEMENT ARTICULAIRE AUGMENTE

Publication

EP 2981739 A1 20160210 (FR)

Application

EP 14714678 A 20140328

Priority

- FR 1353089 A 20130405
- EP 2014056355 W 20140328

Abstract (en)

[origin: WO2014161796A1] A cable actuator comprising a chassis (1), a screw (2) rotatably mounted on the chassis and driven by an electric motor, a nut (4) that engages with the screw and is combined with anti-rotation means such that rotation of the screw under the action of the motor causes an axial displacement of the nut, two cables (10) coupled to the nut on either side of same, the two cables being wound onto respective joint pulleys (11) each rigidly connected to a same joint shaft (12) and in which the joint pulleys have a helical groove, the helical grooves of the pulleys extending in opposing directions.

IPC 8 full level

F16H 25/20 (2006.01); **B25J 9/10** (2006.01); **F16H 19/06** (2006.01)

CPC (source: EP US)

B25J 9/104 (2013.01 - EP US); **F16H 19/0622** (2013.01 - EP US); **F16H 25/20** (2013.01 - EP US); **F16H 2019/0695** (2013.01 - EP US); **F16H 2025/204** (2013.01 - EP US); **F16H 2025/2075** (2013.01 - EP US)

Citation (search report)

See references of WO 2014161796A1

Citation (examination)

US 4613798 A 19860923 - BAUMANN PETER H [US]

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Designated extension state (EPC)

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