

Title (en)

SYSTEM AND METHOD FOR REMOTE ADJUSTMENT OF A TENSION IN A CABLE DISPENSER FOR A CRANE

Title (de)

FERNEINSTELLUNGSSYSTEM UND -VERFAHREN EINER SPANNUNG EINES VERTEILERKABELS EINES KRANS

Title (fr)

SYSTÈME ET PROCÉDÉ DE RÉGLAGE À DISTANCE D'UNE TENSION DANS UN CÂBLE DISTRIBUTEUR DE GRUE

Publication

**EP 3722245 B1 20211201 (FR)**

Application

**EP 20165364 A 20200324**

Priority

FR 1903726 A 20190408

Abstract (en)

[origin: US2020317476A1] A tension setting system for a remote setting of a tension in a transfer cable ensuring a displacement of a transfer carriage along a jib of a crane, including a winch equipped with a motor cooperating with the cable so as to ensure a displacement of the carriage, a pilot unit connected to the motor to pilot a displacement of the carriage, and a setting mechanical device mounted on the carriage and adapted to be actuated by the action of a displacement of the carriage. The setting mechanical device is coupled to the cable and configurable between a working configuration in which the mechanical device stands still irrespective of the displacement of the carriage and results in a holding of the tension in the cable, and a detent configuration in which, by the action of a displacement of the carriage piloted by the pilot unit according to a first sequence of reciprocating displacement, the mechanical device results in a release of the tension in the cable.

IPC 8 full level

**B66C 9/14** (2006.01); **B66C 11/16** (2006.01); **B66C 13/10** (2006.01); **B66C 13/18** (2006.01)

CPC (source: CN EP US)

**B66C 11/16** (2013.01 - EP US); **B66C 13/10** (2013.01 - EP); **B66C 13/18** (2013.01 - EP); **B66C 19/00** (2013.01 - US); **B66D 1/42** (2013.01 - CN); **B66D 1/505** (2013.01 - CN); **B66D 5/32** (2013.01 - CN); **B66C 2700/018** (2013.01 - US); **B66D 2700/0108** (2013.01 - CN); **B66D 2700/05** (2013.01 - CN)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 3722245 A1 20201014**; **EP 3722245 B1 20211201**; CN 111792551 A 20201020; ES 2908073 T3 20220427; FR 3094707 A1 20201009; FR 3094707 B1 20210305; US 11518657 B2 20221206; US 2020317476 A1 20201008

DOCDB simple family (application)

**EP 20165364 A 20200324**; CN 202010269689 A 20200408; ES 20165364 T 20200324; FR 1903726 A 20190408; US 202016841173 A 20200406