

Title (en)

LIFTING DEVICE, IN PARTICULAR A MOBILE CRANE OR A CABLE DREDGER, HAVING A DEVICE FOR MONITORING THE ALIGNMENT AND DEPOSITING PROCESS OF A BOOM SYSTEM AND CORRESPONDING METHOD

Title (de)

HEBEZEUG, INSBESONDERE EIN MOBILKRAN ODER EIN SEILBAGGER, MIT EINER VORRICHTUNG ZUR ÜBERWACHUNG DES AUFRICHT- UND ABLEGEVORGANGES EINES AUSLEGERSYSTEMS UND ENTSPRECHENDES VERFAHREN

Title (fr)

PALAN, EN PARTICULIER UNE GRUE MOBILE OU UNE PELLETEUSE À CÂBLES, DOTÉ D'UN DISPOSITIF DE SURVEILLANCE DU PROCESSUS DE DRESSAGE ET D'ENLÈVEMENT D'UN SYSTÈME DE RAMPE ET PROCÉDÉ CORRESPONDANT

Publication

**EP 3428112 B1 20240124 (DE)**

Application

**EP 18178564 A 20180619**

Priority

DE 102017113386 A 20170619

Abstract (en)

[origin: US2019185298A1] The invention relates to a lifting device, in particular a mobile crane or a cable-operated excavator, having an apparatus for monitoring the raising and lowering procedures of a boom system of the lifting device.

IPC 8 full level

**B66C 23/90** (2006.01); **B66C 23/34** (2006.01)

CPC (source: EP US)

**B66C 13/16** (2013.01 - US); **B66C 13/46** (2013.01 - US); **B66C 23/90** (2013.01 - EP US); **B66C 23/905** (2013.01 - US); **B66D 1/58** (2013.01 - US); **B66F 17/006** (2013.01 - US); **B66C 15/00** (2013.01 - US); **B66C 23/34** (2013.01 - EP US)

Cited by

EP4059878A1; WO2022167589A1

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 3428112 A1 20190116**; **EP 3428112 B1 20240124**; **EP 3428112 C0 20240124**; DE 102017113386 A1 20181220; US 10850953 B2 20201201; US 2019185298 A1 20190620

DOCDB simple family (application)

**EP 18178564 A 20180619**; DE 102017113386 A 20170619; US 201816012223 A 20180619