

Title (en)

DEVICE FOR BRAKING ROTATING AND/OR SLEWING GEARS, METHOD FOR CONTROLLING SUCH A DEVICE, AND PRODUCTION MACHINE HAVING SUCH A BRAKING DEVICE

Title (de)

VORRICHTUNG ZUM ABBREMSEN VON DREH- UND/ODER SCHWENKWERKEN, VERFAHREN ZUM STEuern EINER SOLCHEN VORRICHTUNG SOWIE ARBEITSMASCHINE MIT EINER SOLCHEN ABBREMSVORRICHTUNG

Title (fr)

DISPOSITIF DE FREINAGE DE MÉCANISMES ROTATIFS ET/OU PIVOTANTS, PROCÉDÉ DE COMMANDE D'UN TEL DISPOSITIF ET ENGIN DE TRAVAIL POURVU D'UN TEL DISPOSITIF DE FREINAGE

Publication

EP 2791427 B1 20160803 (DE)

Application

EP 12805424 A 20121109

Priority

- DE 102011122225 A 20111215
- DE 2012001102 W 20121109

Abstract (en)

[origin: WO2013087048A1] The invention relates to a device and to method for braking rotating and/or slewing gears of production machines, comprising at least one dynamic service brake for braking a rotating and/or slewing movement of the rotating and/or slewing gear and at least one static stop brake by means of which the rotating and/or slewing gear can be stopped in a position. The dynamic service brake and/or the static stop brake is assigned at least one sensor, which detects the current movement of the rotating and/or slewing gear, and wherein the sensor is connected to a control unit that recognises an actuation of the dynamic service brake and, upon a continued rotating and/or slewing movement of the rotating and or slewing gear while the dynamic service brake is continuously actuated, activates the static stop brake.

IPC 8 full level

B66C 23/86 (2006.01); **B66C 23/62** (2006.01); **E02F 9/12** (2006.01)

CPC (source: EP US)

B66C 23/62 (2013.01 - US); **B66C 23/86** (2013.01 - EP US); **E02F 9/128** (2013.01 - EP US)

Cited by

DE102017117505A1; DE102017117505B4; WO2019025058A1

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)

WO 2013087048 A1 20130620; CN 104024534 A 20140903; CN 104024534 B 20160817; DE 102011122225 A1 20130620; EP 2791427 A1 20141022; EP 2791427 B1 20160803; US 2015073667 A1 20150312; US 9650758 B2 20170516

DOCDB simple family (application)

DE 2012001102 W 20121109; CN 201280061501 A 20121109; DE 102011122225 A 20111215; EP 12805424 A 20121109; US 201214365212 A 20121109