

Title (en)

METHOD FOR MONITORING CRANE SAFETY AND SYSTEM FOR MONITORING CRANE SAFETY

Title (de)

VERFAHREN ZUR ÜBERWACHUNG DER KRANSICHERHEIT SOWIE EIN SYSTEM ZUR ÜBERWACHUNG DER KRANSICHERHEIT

Title (fr)

PROCÉDÉ DE SURVEILLANCE DE LA SÉCURITÉ D'UNE GRUE ET SYSTÈME DE SURVEILLANCE DE LA SÉCURITÉ D'UNE GRUE

Publication

EP 3237320 A1 20171101 (DE)

Application

EP 15808541 A 20151209

Priority

- DE 102014019465 A 20141223
- EP 2015002495 W 20151209

Abstract (en)

[origin: WO2016102050A1] The invention relates to a method for monitoring the safety of a crane, in particular a tower crane having a revolving platform, wherein the crane has a sensor system and a crane controller and wherein furthermore at least one tilt sensor is provided. According to the invention, the at least one tilt sensor is attached to the revolving platform of the tower crane, wherein the crane safety is monitored at least during the construction and dismantling of the tower crane.

IPC 8 full level

B66C 23/26 (2006.01); **B66C 15/06** (2006.01); **B66C 23/90** (2006.01)

CPC (source: CN EP US)

B66C 15/065 (2013.01 - CN EP US); **B66C 23/26** (2013.01 - CN EP US); **B66C 23/76** (2013.01 - EP US); **B66C 23/905** (2013.01 - CN EP US); **B66C 23/82** (2013.01 - US)

Citation (search report)

See references of WO 2016102050A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102014019465 A1 20160623; BR 112017013364 A2 20180109; BR 112017013364 B1 20220222; CN 107207222 A 20170926; CN 107207222 B 20190813; EP 3237320 A1 20171101; EP 3237320 B1 20190501; ES 2738916 T3 20200127; RU 2017126031 A 20190124; RU 2017126031 A3 20190605; RU 2696650 C2 20190805; US 10752473 B2 20200825; US 2017369287 A1 20171228; WO 2016102050 A1 20160630

DOCDB simple family (application)

DE 102014019465 A 20141223; BR 112017013364 A 20151209; CN 201580070970 A 20151209; EP 15808541 A 20151209; EP 2015002495 W 20151209; ES 15808541 T 20151209; RU 2017126031 A 20151209; US 201515539000 A 20151209