

Title (en)  
Crane control

Title (de)  
Kransteuerung

Title (fr)  
Commande de grue

Publication  
**EP 2524892 A1 20121121 (DE)**

Application  
**EP 12003631 A 20120509**

Priority  
DE 102011102025 A 20110519

Abstract (en)  
The crane controller includes a load moment limitation system which determines the maximum permitted payload, set in communication with a measuring unit for measuring the movement of ship (1). The maximum permitted payload is determined on the basis of data of the measuring unit. The load moment limitation system determines the speed and/or acceleration of the boom tip, in particular in the vertical direction, by the evaluation of data of the measuring unit for measuring the movement of ship, to determine the maximum permitted payload. Independent claims are included for the following: (1) method of operating crane arranged on ship; and (2) crane control program.

Abstract (de)  
Die vorliegende Erfindung betrifft eine Kransteuerung für einen auf einem Schiff (1) angeordneten Kran (3), mit einer Lastmomentbegrenzung, welche eine maximal zulässige Traglast bestimmt, wobei die Lastmomentbegrenzung mit einer Meßeinheit (MU1, MU2) zur Messung der Bewegung des Schiffes in Verbindung steht und die maximal zulässige Traglast auf Grundlage von Daten der Meßeinheit bestimmt.

IPC 8 full level  
**B66C 13/02** (2006.01); **B63B 27/10** (2006.01); **B66C 23/52** (2006.01); **B66C 23/90** (2006.01)

CPC (source: EP US)  
**B63B 27/10** (2013.01 - EP US); **B66C 13/02** (2013.01 - EP US); **B66C 23/52** (2013.01 - EP US); **B66C 23/905** (2013.01 - EP US)

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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)  
**EP 2524892 A1 20121121**; **EP 2524892 B1 20140108**; CN 102786001 A 20121121; CN 102786001 B 20151104;  
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DOCDB simple family (application)  
**EP 12003631 A 20120509**; CN 201210159400 A 20120521; DE 102011102025 A 20110519; US 201213475313 A 20120518