

Title (en)

Crane controls with division of a kinematically limited value of the hoisting gear

Title (de)

Kransteuerung mit Aufteilung einer kinematisch beschränkten Größe des Hubwerks

Title (fr)

Commande de grue avec répartition de la grandeur du dispositif de levage réduite par cinématique

Publication

**EP 2636636 B1 20160518 (DE)**

Application

**EP 13000100 A 20130109**

Priority

DE 102012004802 A 20120309

Abstract (en)

[origin: EP2636636A1] The controller has a lifting gear (5) for lifting a load (3) suspended at a rope (4). An active swell compensator partly compensates a movement of a rope suspension point (2) and/or a load dropping point by controlling the lifting gear based on the swell and exhibits optimization function. An operator control unit controls the lifting gear based on demands of an operator, where distribution of kinematic limited parameter e.g. power and acceleration, of the lifting gear between the swell compensator and the operator control unit is adjusted. Independent claims are also included for the following: (1) a method for controlling a crane (2) a software comprising a code for execution of a method for controlling a crane.

IPC 8 full level

**B66D 1/52** (2006.01); **B66C 13/04** (2006.01); **B66C 13/06** (2006.01); **B66C 13/18** (2006.01)

CPC (source: EP KR US)

**B66C 13/04** (2013.01 - US); **B66C 13/06** (2013.01 - KR); **B66C 13/063** (2013.01 - EP US); **B66C 13/18** (2013.01 - KR US); **B66D 1/525** (2013.01 - EP US)

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