

Title (en)

A method and a control system for construction cranes

Title (de)

Verfahren und Steuerungssystem für Baukräne

Title (fr)

Procédé et système de commande pour grues de construction

Publication

**EP 2937306 A1 20151028 (EN)**

Application

**EP 14165591 A 20140423**

Priority

EP 14165591 A 20140423

Abstract (en)

A control system is provided for construction cranes comprising a crane mast and a swingable working arm. The control system comprises a movable suspension device (72) for suspending a vertically liftable operator lift. An angle measuring device measures an angular deviation of a top portion of the crane mast and provides a control signal to an actuator based on the measured deviation. The actuator is adapted to move the suspension device in response to said control signal along a guide for compensating for the measured deviation. Also provided are an elevating system, a construction crane (10) and a control method.

IPC 8 full level

**B66C 23/26** (2006.01); **B66C 23/00** (2006.01)

CPC (source: EP)

**B66C 23/26** (2013.01); **B66C 23/54** (2013.01)

Citation (applicant)

WO 9104220 A1 19910404 - PROKRANIA AB [SE]

Citation (search report)

- [AD] WO 9104220 A1 19910404 - PROKRANIA AB [SE]
- [A] US 3185316 A 19650525 - BENNETT SR CHARLES F

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