

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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