

Title (en)
Crane control and crane

Title (de)
Kransteuerung und Kran

Title (fr)
Commande de grue et grue

Publication
EP 2548835 B2 20201209 (DE)

Application
EP 12005293 A 20120719

Priority
DE 102011108284 A 20110721

Abstract (en)
[origin: EP2548835A1] The system has a display unit (10) and an input unit for displaying and inputting crane operation-type information according to a current mechanical structure of a crane, where the information is required for limiting a load moment and/or controlling the crane. A logic unit determines application and/or outfitting related dependencies between input parameters (52, 54). The logic unit is designed such that selection of the parameters to be filled out is generated and a plausibility check is performed between the parameters based on the determined dependencies. The input parameters are selected from a luffing jib parameter (53) and an excavator boom defining parameter (51).

IPC 8 full level
B66C 23/90 (2006.01); **B66C 13/18** (2006.01)

CPC (source: EP US)
B66C 13/18 (2013.01 - EP US); **B66C 23/905** (2013.01 - EP US)

Citation (opposition)
Opponent :

- DE 19538264 A1 19970417 - PIETZSCH AUTOMATISIERUNGSTECH [DE]
- Materialien zur offenkundigen 'VR Leasing'

Cited by
CN114399198A

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

DOCDB simple family (publication)
EP 2548835 A1 20130123; EP 2548835 B1 20131016; EP 2548835 B2 20201209; CN 102887433 A 20130123; CN 102887433 B 20170825; DE 102011108284 A1 20130124; US 2013024077 A1 20130124; US 8825313 B2 20140902

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EP 12005293 A 20120719; CN 201210257093 A 20120723; DE 102011108284 A 20110721; US 201213555996 A 20120723