

Title (en)

METHOD AND ARRANGEMENT FOR CONTROLLING A CRANE

Title (de)

VERFAHREN UND ANORDNUNG ZUR STEUERUNG EINES KRANS

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR COMMANDER UNE GRUE

Publication

EP 2927177 B1 20171115 (EN)

Application

EP 15161902 A 20150331

Priority

FI 20145320 A 20140402

Abstract (en)

[origin: EP2927177A1] The present invention relates to a method and arrangement for controlling a crane (1). A crane of this type comprises, among other things, a main boom (2) with a possible drive member (9), a trolley (4) having a drive motor (5) to drive the trolley along the main boom and a hoist block (6) for manoeuvring a hoist rope (7) and a hoist hook (8) arranged thereto. The speed of the hoist block in relation to its environment is regulated by at least one speed meter that measures the speed of the hoist block, and an angle gauge (10) that determines the position of the hoist rope in relation to its vertical rest position. By determining the angle (\pm) of the hoist rope in relation to its vertical rest position (11), the drive motor or drive members can be manoeuvred so as to perform with the smallest possible swing the transport command (15) given by a user (16) to the crane.

IPC 8 full level

B66C 13/06 (2006.01)

CPC (source: EP FI)

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Cited by

CN108657956A; CN107857196A; CN107381350A; CN110467109A

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