

Title (en)

Method and assembly for influencing the grab fill for two motor gripper hoisting gears

Title (de)

Verfahren und Anordnung zur Beeinflussung der aufgenommenen Schüttmenge bei Hebezeugen

Title (fr)

Procédé et agencement destinés à influencer la charge de la benne preneuse pour engins de levage

Publication

EP 2226287 B1 20120523 (DE)

Application

EP 10155480 A 20100304

Priority

DE 102009011604 A 20090304

Abstract (en)

[origin: EP2226287A1] The method involves setting an adjustable threshold of torque necessary for holding a gripper, during closing operation of the gripper in crane operation with minimized filling volume. The torque is higher than a torque, which is necessary for tight holding of a holding rope. A value of the former torque is adjusted to an actual stroke height and load torque, via a control. Activation of influencing of the former torque takes place in a data processing system (5) via a load comparator (5a), during lowering of load threshold, when the gripper is detached from bulk goods. Independent claims are also included for the following: (1) an arrangement for influencing the gripper filling volume in the lifting tool (2) a computer program for influencing the gripper filling volume in the lifting tool (3) a computer readable storage medium stored on a program for influencing the gripper filling volume in the lifting tool.

IPC 8 full level

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CPC (source: EP)

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Cited by

US10099903B2; US10611606B2; WO2016009040A1; EP3169618B1

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