

Title (en)

METHOD FOR OPEN-LOOP AND/OR CLOSED-LOOP CONTROL OF A VEHICLE-MOUNTED LIFTING GEAR

Title (de)

VERFAHREN ZUM STEUERN UND/ODER REGELN EINES FAHRZEUGGEBUNDENEN HEBEZEUGES

Title (fr)

PROCÉDÉ DE COMMANDE EN BOUCLE OUVERTE ET/OU EN BOUCLE FERMÉE D'UN ENGIN DE LEVAGE MONTÉ SUR UN VÉHICULE

Publication

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Application

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Abstract (en)

[origin: WO2022236346A1] The invention relates to a method for open-loop and/or closed-loop control of a vehicle-mounted lifting gear (1), comprising an articulated crane arm system (2) having a crane (3) and a crane base (4), by taking into account a determined position of at least one point (5) of the crane arm system (2), wherein a deformation (6) of the crane arm system (2) arising under the action of dynamic and/or static forces is taken into account when determining the position of the at least one point (5), wherein an oblique position of the lifting gear (1) resulting from an inclination (7) of the crane base (4) relative to a predetermined or predeterminable direction in space is determined and taken into account when determining the position of the at least one point (5).

IPC 8 full level

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Citation (search report)

See references of WO 2022236346A1

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