

Title (en)

CRANE, AND CONTROL METHOD FOR CRANE

Title (de)

KRAN UND STEUERUNGSVERFAHREN FÜR DEN KRAN

Title (fr)

GRUE ET PROCÉDÉ DE COMMANDE D'UNE GRUE

Publication

**EP 4317043 A1 20240207 (EN)**

Application

**EP 21935165 A 20211203**

Priority

- JP 2021055350 A 20210329
- JP 2021044415 W 20211203

Abstract (en)

A crane includes a horizontal transport device horizontally movable with a motor, a hoisting device mounted on the horizontal transport device, the hoisting device being capable of winding a rope with a hoist motor, a hook attached on the rope to hang a payload and a control unit including a processor and a memory, the control unit being configured to control the horizontal transport device and the hoisting device. The control unit includes a rope tension determination unit configured to determine whether the rope is in a taut state without a slack; a state measurement unit configured to measure at least one state value of the crane when the rope has been wound up into a taut state by the hoisting device being driven and a transport control unit configured to move the horizontal transport device.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2022209012A1

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BA ME

Designated validation state (EPC)

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