

Title (en)

A SYSTEM AND METHOD FOR ALIGNMENT OF A TERMINAL TRUCK RELATIVE TO A CRANE

Title (de)

SYSTEM UND VERFAHREN ZUR AUSRICHTUNG EINES TERMINAL-LKWS IN BEZUG AUF EINEN KRAN

Title (fr)

SYSTÈME ET PROCÉDÉ D'ALIGNEMENT D'UN CAMION TERMINAL PAR RAPPORT À UNE GRUE

Publication

EP 3663250 B1 20211006 (EN)

Application

EP 18209868 A 20181203

Priority

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Abstract (en)

[origin: EP3663250A1] A system (115, 118; 125, 128; 135, 138; 200) enabling alignment of a terminal truck (110; 120; 130) relative to a gantry crane (101-108, 150, 151) comprises:- a position determination unit (211, 212) that determines the position of the tractor (111; 121; 131) relative to the crane (101-108, 150, 151);- a receiver (221, 222) that receives container information indicative for the size of a container (113; 123, 124; 133) carried by the terminal truck (110; 120; 130);- a distance measurement unit (213, 214) that measures the distance (117; 127; 137) between the tractor (111; 121; 131) and the container (113; 123, 124; 133) based on reflective technology; and- a computing unit (223) that generates driving instructions from the tractor position, the container information, and the tractor-container distance, enabling to position the container (113; 123, 124; 133) in a predetermined aligned position relative to the crane (101-108, 150, 151).

IPC 8 full level

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