

Title (en)

ROBOT FOR RENOVATION BY PICKLING AND/OR PAINT COATING, AND/OR THE INSPECTION OF A LARGE-SURFACE AND/OR LARGE-HEIGHT WALL, ASSOCIATED OPERATING METHOD AND APPLICATION TO PICKLING AND PAINTING SHIP HULLS

Title (de)

ROBOTER ZUR SANIERUNG DURCH BEIZEN UND/ODER LACKBESCHICHTEN UND ODER ZUR INSPEKTION EINER GROSSFLÄCHIGEN UND/ODER HOHEN WAND, ZUGEHÖRIGES BETRIEBSVERFAHREN UND ANWENDUNG ZUM BEIZEN UND LACKIEREN VON SCHIFFSRÜMPFEN

Title (fr)

ROBOT POUR LA RÉNOVATION PAR DÉCAPAGE ET/OU REVÊTEMENT DE PEINTURE, ET/OU L'INSPECTION D'UNE PAROI DE GRANDE SURFACE ET/OU DE HAUTEUR ÉLEVÉE, PROCÉDÉ DE FONCTIONNEMENT ASSOCIÉ ET APPLICATION AU DÉCAPAGE ET À LA PEINTURE DE COQUES DE NAVIRE

Publication

EP 4045241 A1 20220824 (FR)

Application

EP 20792641 A 20201015

Priority

- FR 1911452 A 20191015
- EP 2020079105 W 20201015

Abstract (en)

[origin: WO2021074327A1] The present invention essentially concerns a robot (1) produced on the basis of an aerial lift (2) which can be instrumented in a standard manner by a plurality of sensors (5, 6, 7, 9, 80, 81) which can precisely compensate the absence of instrumentation by the constructors of aerial lifts, in order to be able to provide the control unit (12) with useful information for determining the very precise spatial location, in real time, of the platform (25) of the aerial lift (2) and thus of the tool carrier (3) mounted on the platform (25).

IPC 8 full level

B05B 13/00 (2006.01); **B05B 13/04** (2006.01); **B08B 3/02** (2006.01); **B25J 11/00** (2006.01); **B63B 59/10** (2006.01); **B66F 11/04** (2006.01)

CPC (source: EP KR)

B05B 13/005 (2013.01 - EP KR); **B05B 13/041** (2013.01 - EP KR); **B08B 3/024** (2013.01 - EP KR); **B25J 11/0075** (2013.01 - EP KR); **B66F 11/046** (2013.01 - EP KR); **G01B 5/14** (2013.01 - EP KR)

Citation (search report)

See references of WO 2021074327A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

FR 3101803 A1 20210416; **FR 3101803 B1 20211008**; EP 4045241 A1 20220824; KR 20220101623 A 20220719; WO 2021074327 A1 20210422

DOCDB simple family (application)

FR 1911452 A 20191015; EP 2020079105 W 20201015; EP 20792641 A 20201015; KR 20227016092 A 20201015