

Title (en)

CRANE CONTROL DEVICE, METHOD FOR CONTROLLING CRANE CONTROL DEVICE, CONTROL PROGRAM, AND RECORDING MEDIUM

Title (de)

KRANSTEUERUNGSVORRICHTUNG, VERFAHREN ZUR STEUERUNG DER KRANSTEUERUNGSVORRICHTUNG, STEUERUNGSPROGRAMM UND AUFZEICHNUNGSMEDIUM

Title (fr)

DISPOSITIF DE COMMANDE DE GRUE, PROCÉDÉ DE COMMANDE DE DISPOSITIF DE COMMANDE DE GRUE, PROGRAMME DE COMMANDE ET SUPPORT D'ENREGISTREMENT

Publication

EP 3470735 A4 20200219 (EN)

Application

EP 17810072 A 20170518

Priority

- JP 2016115758 A 20160609
- JP 2017018692 W 20170518

Abstract (en)

[origin: EP3470735A1] A crane control device (50) includes (i) a mixing agent (64) that determines, based on a height and a degree of mixing of waste in each of a plurality of sections into which a waste storing section (11) is divided, a section to be set as a waste grabbing location when a crane (14) is controlled to execute mixing work and (ii) a crane control section (66) that controls the waste grabbing action to be executed at the determined section.

IPC 8 full level

F23G 5/50 (2006.01); **B65F 5/00** (2006.01); **B66C 13/46** (2006.01); **B66C 13/48** (2006.01); **F23G 5/02** (2006.01)

CPC (source: EP)

B65F 5/00 (2013.01); **B66C 13/48** (2013.01); **F23G 5/02** (2013.01); **F23G 5/50** (2013.01); **F23K 2201/50** (2013.01); **F23K 2203/103** (2013.01)

Citation (search report)

- [X] JP 2007126246 A 20070524 - HITACHI PLANT TECHNOLOGIES LTD
- [A] US 5033011 A 19910716 - IWABUCHI OSAMU [JP]
- [A] JP 2011027349 A 20110210 - TAKUMA KK
- See also references of WO 2017212891A1

Cited by

EP4112498A4; EP3450845A4

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

DOCDB simple family (publication)

EP 3470735 A1 20190417; **EP 3470735 A4 20200219**; **EP 3470735 B1 20240522**; CN 109312921 A 20190205; CN 109312921 B 20210413; JP 2017218316 A 20171214; JP 6659474 B2 20200304; WO 2017212891 A1 20171214

DOCDB simple family (application)

EP 17810072 A 20170518; CN 201780035096 A 20170518; JP 2016115758 A 20160609; JP 2017018692 W 20170518