

Title (en)
BUCKET MOVEMENT CONTROL DEVICE FOR AUTOMATICALLY SHAKING OFF FOREIGN SUBSTANCES AND METHOD THEREFOR

Title (de)
EIMERBEWEGUNGSSTEUERUNGSVORRICHTUNG ZUM AUTOMATISCHEN ABSCHÜTTELN VON FREMDKÖRPERN UND VERFAHREN DAFÜR

Title (fr)
DISPOSITIF DE COMMANDE DE MOUVEMENT DE GODET POUR SE DÉBARRASSER AUTOMATIQUEMENT DE SUBSTANCES ÉTRANGÈRES PAR SECOUSSES ET PROCÉDÉ ASSOCIÉ

Publication
EP 2853642 A4 20160302 (EN)

Application
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Priority
KR 2012004019 W 20120522

Abstract (en)
[origin: EP2853642A1] An apparatus for controlling bucket movement for automatically shaking off foreign substances is disclosed, which includes a bucket movement control unit controlling the bucket movement by determining whether to output an automatic control signal for automatically driving the bucket forward and backward at a predetermined speed even if an input value of a joystick is not changed or to output a manual control signal for driving the bucket according to an operation value of the joystick, in accordance with a selection/non-selection of an automatic mode by an automatic mode selection switch, an operation value detected by an operation value detection means, and an operation angle detected by an operation angle detection means, and outputting a corresponding signal to a bucket driving unit. The movement of the bucket can be automatically controlled so as to control the foreign substances contained in the bucket and to sprinkle earth and sand without any separate operation of an operator.

IPC 8 full level
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CPC (source: EP KR US)
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Citation (search report)

- [XY] US 2006248885 A1 20061109 - BUCKMIER JASON M [US], et al
- [Y] GB 2312762 A 19971105 - SAMSUNG HEAVY IND [KR]
- [A] EP 0511383 A1 19921104 - KOMATSU MFG CO LTD [JP]
- See references of WO 2013176301A1

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

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DOCDB simple family (application)
EP 12877395 A 20120522; BR 112014028749 A 20120522; CA 2873021 A 20120522; CN 201280073241 A 20120522; KR 2012004019 W 20120522; KR 20147032482 A 20120522; US 201214400898 A 20120522