

Title (en)

CONTROL DEVICE OF WORKING MACHINE AND CONTROL METHOD OF WORKING MACHINE

Title (de)

STEUERVORRICHTUNG EINER ARBEITSMASCHINE UND STEUERUNGSVERFAHREN EINER ARBEITSMASCHINE

Title (fr)

DISPOSITIF DE COMMANDE DE MACHINE DE TRAVAIL ET PROCÉDÉ DE COMMANDE DE MACHINE DE TRAVAIL

Publication

EP 3733981 A4 20211103 (EN)

Application

EP 19775283 A 20190311

Priority

- JP 2018070207 A 20180330
- JP 2019009799 W 20190311

Abstract (en)

[origin: EP3733981A1] A work machine control device includes a measurement-data acquisition unit that acquires measurement data of a measurement device that measures a work target, the measurement device being mounted on a work machine including a working equipment, an algorithm selection unit that selects a specific algorithm that processes the measurement data depending on work of the work machine, and a calculation unit that processes the measurement data based on the algorithm selected by the algorithm selection unit to calculate a parameter regarding the work target.

IPC 8 full level

E02F 9/20 (2006.01); **E02F 3/43** (2006.01); **E02F 9/26** (2006.01)

CPC (source: EP US)

E02F 3/283 (2013.01 - US); **E02F 3/431** (2013.01 - US); **E02F 3/434** (2013.01 - EP US); **E02F 9/262** (2013.01 - EP US); **E02F 9/265** (2013.01 - EP US)

Citation (search report)

- [XY] US 6247538 B1 20010619 - TAKEDA SHU [JP], et al
- [Y] WO 2017033623 A1 20170302 - KOMATSU MFG CO LTD [JP]
- [Y] US 2018080193 A1 20180322 - MYERS DAVID J [US]
- [Y] US 2017002541 A1 20170105 - FLETCHER JEFFREY GRAHAM [US], et al
- See also references of WO 2019188221A1

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 3733981 A1 20201104; **EP 3733981 A4 20211103**; **EP 3733981 B1 20240605**; CN 111684136 A 20200918; JP 2019178598 A 20191017; JP 7141843 B2 20220926; US 2020362530 A1 20201119; WO 2019188221 A1 20191003

DOCDB simple family (application)

EP 19775283 A 20190311; CN 201980011844 A 20190311; JP 2018070207 A 20180330; JP 2019009799 W 20190311; US 201916966590 A 20190311