

Title (en)

METHOD FOR CONTROLLING THE OPERATION OF A MACHINE FOR HARVESTING ROOT CROPS

Title (de)

VERFAHREN ZUR REGELUNG DES BETRIEBS EINER MASCHINE ZUM ERNTEN VON HACKFRÜCHTEN

Title (fr)

PROCÉDÉ POUR RÉGLER LE FONCTIONNEMENT D'UNE MACHINE UTILISÉE POUR RÉCOLTER DES PLANTES SARCLÉES

Publication

**EP 3877903 A1 20210915 (DE)**

Application

**EP 19808699 A 20191105**

Priority

- DE 102018127845 A 20181107
- EP 2019080264 W 20191105

Abstract (en)

[origin: CA3118975A1] The invention relates to a method for controlling the operation of a machine (2) for harvesting root crops (4) and/or for separating root crops (4) from other harvested material comprising admixtures, in which method at least one test image (8) of at least one harvested material portion moved relative to a machine frame (12) by means of at least one conveying element (10, 10A, 10B, 10C, 10D, 10E, 10F, 10K, 10T) is recorded by at least one optical image acquisition unit (6), wherein an evaluation device generates a separating device adjusting signal on the basis of a test data set generated with the aid of the test image (8) or formed by same for adjusting at least one operating parameter of a separating device of the machine (2). The invention also relates to the aforementioned machine.

IPC 8 full level

**G06V 10/56** (2022.01)

CPC (source: EP IL US)

**A01D 33/04** (2013.01 - EP IL US); **G06V 10/255** (2022.01 - EP IL US); **G06V 10/56** (2022.01 - EP IL US); **G06V 20/10** (2022.01 - EP IL US); **A01D 2033/005** (2013.01 - EP IL US); **G06V 20/68** (2022.01 - EP IL US); **G06V 2201/06** (2022.01 - EP IL)

Citation (search report)

See references of WO 2020094655A1

Cited by

WO2022189537A1

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)

**DE 102018127845 A1 20200507**; BR 112021004941 A2 20210601; CA 3118975 A1 20200514; CN 112970033 A 20210615; EA 202191203 A1 20211029; EP 3877903 A1 20210915; IL 283026 A 20210630; JP 2022509749 A 20220124; US 2021378170 A1 20211209; WO 2020094655 A1 20200514

DOCDB simple family (application)

**DE 102018127845 A 20181107**; BR 112021004941 A 20191105; CA 3118975 A 20191105; CN 201980073546 A 20191105; EA 202191203 A 20191105; EP 19808699 A 20191105; EP 2019080264 W 20191105; IL 28302621 A 20210508; JP 2021524244 A 20191105; US 201917286877 A 20191105