

Title (en)

DEVICE AND METHOD FOR PROCESSING AT LEAST ONE WORK AREA WITH A PROCESSING TOOL

Title (de)

VORRICHTUNG UND VERFAHREN ZUR BEARBEITUNG MINDESTENS EINES ARBEITSBEREICHES MIT EINEM BEARBEITUNGSWERKZEUG

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR USINER AU MOINS UNE ZONE DE TRAVAIL AU MOYEN D'UN OUTIL D'USINAGE

Publication

EP 3877896 A2 20210915 (DE)

Application

EP 19809714 A 20191104

Priority

- DE 102018127518 A 20181105
- EP 2019080080 W 20191104

Abstract (en)

[origin: WO2020094558A2] The invention relates to a device having a processing tool for processing at least one work area of an object. Arranged on the processing tool are an image-acquisition device for generating at least one image of the at least one work area, and at least one sensor for generating sensor data during the processing of the at least one work area. The device comprises an evaluation unit, which has a calculation model, which was trained by means of machine learning on the basis of images of work areas and sensor data and with which the at least one work area and/or a situation during the processing of the at least one work area is identifiable. The invention further relates to a method for processing at least one work area of an object.

IPC 8 full level

G06V 10/50 (2022.01)

CPC (source: EP US)

G06F 18/241 (2023.01 - US); **G06T 7/0004** (2013.01 - US); **G06V 10/50** (2022.01 - EP US); **G06V 20/10** (2022.01 - EP US); **G06T 2207/20081** (2013.01 - US); **G06T 2207/30164** (2013.01 - US); **G06V 2201/06** (2022.01 - EP US)

Citation (search report)

See references of WO 2020094558A2

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 102018127518 A1 20200507; CN 113272817 A 20210817; EP 3877896 A2 20210915; US 2021358110 A1 20211118; WO 2020094558 A2 20200514; WO 2020094558 A3 20200827

DOCDB simple family (application)

DE 102018127518 A 20181105; CN 201980087800 A 20191104; EP 19809714 A 20191104; EP 2019080080 W 20191104; US 201917291052 A 20191104