

Title (en)

METHOD AND EXCAVATION DEVICE FOR SOIL CULTIVATION

Title (de)

VERFAHREN UND TIEFBAUGERÄT ZUR BODENBEARBEITUNG

Title (fr)

PROCÉDÉS ET APPAREIL DE GÉNIE CIVIL DESTINÉ AU TRAITEMENT DU SOL

Publication

**EP 4033032 B1 20230614 (DE)**

Application

**EP 21152819 A 20210121**

Priority

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Abstract (en)

[origin: WO2022156948A1] The invention relates to a method for groundworking using civil engineering machinery which comprises at least one rotary drive unit for rotatingly driving a groundworking tool, at least one advancing unit with which the groundworking tool is introduced into the ground to create a hole, wherein a control and evaluation unit is provided with which setting parameters are acquired and stored during groundworking, at least one state value resulting during groundworking is acquired and stored and the setting parameters are modified and set by the control and evaluation unit according to the at least one state value acquired. According to the invention, automatic calibration is performed by the control and evaluation unit at least at the start of groundworking, wherein groundworking is performed in a first calibration section with a first set of setting parameters predefined by a calibration program and at least in one further second calibration section groundworking is performed with a second set of setting parameters predefined by the calibration program, wherein the predefined sets of setting parameters differ from one another, and then the control and evaluation unit adjusts the setting parameters for further groundworking according to the state variables acquired in the calibration sections.

IPC 8 full level

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