

Title (en)

METHOD AND SYSTEM FOR CREATING A FOUNDATION ELEMENT IN THE GROUND

Title (de)

VERFAHREN UND SYSTEM ZUM ERSTELLEN EINES GRÜNDUNGSELEMENTES IM BODEN

Title (fr)

PROCÉDÉ ET SYSTÈME PERMETTANT D'ÉRIGER UN ÉLÉMENT DE FONDATION DANS LE SOL

Publication

**EP 3533932 B1 20200715 (DE)**

Application

**EP 18159364 A 20180301**

Priority

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Abstract (en)

[origin: WO2019166153A1] The invention relates to a method and a system for erecting a foundation element in the ground using a construction device. A ground working tool is used to form a hole in the ground in which the foundation element is erected, wherein at least one operating variable of the construction device, said operating variable changing depending on the ground composition, is detected by a control and analysis unit on the basis of a working depth. According to the invention, an expected ground profile is entered into the control and analysis unit, said ground profile indicating a layer structure of the ground with ground layers of different ground compositions, and the control and analysis unit is used to correlate the at least one detected operating variable with the specified ground profile in order to ascertain the working depth at which there is a transition between ground layers with different ground compositions.

IPC 8 full level

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