

Title (en)

METHOD AND SYSTEM FOR PLACING AT LEAST ONE FOUNDATION ELEMENT IN THE GROUND

Title (de)

VERFAHREN UND SYSTEM ZUR ANORDNUNG MINDESTENS EINES GRÜNDUNGSELEMENTS IM BODEN

Title (fr)

PROCEDE ET SYSTEME DE MISE EN PLACE D'AU MOINS UN ELEMENT DE FONDATION DANS LE SOL

Publication

**EP 1497503 A1 20050119 (EN)**

Application

**EP 03723499 A 20030404**

Priority

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- NL 1020304 A 20020404
- NL 1021143 A 20020724

Abstract (en)

[origin: WO03085208A1] Method for forming at least one foundation pile or deep wall in the ground, comprising the step of sinking one or more hollow foundation elements (1) into the ground with a substantially vertical orientation. The sinking of the foundation element (1) into the ground takes place during driving of a removable drilling head (3), which drilling head (3), during the sinking of the foundation element (1), extends at least partially below a bottom part of the foundation element (1), by means of excavating members, which can rotate with respect to the foundation element (1) and have radial dimensions which in particular are greater than or equal to external dimensions of the foundation element (1), in which the excavation members, at the same time as the foundation element (1) is being sunk, drills out earth beneath the said bottom part of the foundation element (1), and in which at least the drilling head (3), after the foundation element (1) has been sunk, is removed again from the ground.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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