

Title (en)

Method for producing a foundation pile in the ground

Title (de)

Verfahren zur Erzeugung eines Gründungspfahls in den Untergrund

Title (fr)

Méthode de formation d'un pieu de fondation dans le sol

Publication

EP 0947634 A1 19991006 (EN)

Application

EP 99200998 A 19990330

Priority

NL 1008750 A 19980330

Abstract (en)

A method for producing a foundation pile which can be subjected to compressive and/or tensile loads in the ground, comprises the steps of: screwing into the ground a pipe (3) which is closed off at the bottom by a base part (6) and has a screw thread (5) on the circumference, introducing a quantity of mortar into the pipe, pulling the pipe upwards, leaving the base part behind, in such a manner that the mortar collects in the hole formed when the pipe is pulled upwards, then lowering a prefabricated pile element (9), the transverse dimensions of which are smaller than the corresponding internal dimensions of the pipe, into the mortar which has collected in the hole, and down as far as the base part, removing the pipe. <IMAGE>

IPC 1-7

E02D 5/50; **E02D 5/42**; **E02D 5/62**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [YA] JP H05106222 A 19930427 - SHIMIZU YUUICHI, et al
- [Y] US 5697734 A 19971216 - VERSTRAETEN ALEXANDER JULIEN [BE]
- [A] NL 8802318 A 19900417 - BALLAST NEDAM GROEP NV

Cited by

CN1320214C; JP2018168628A; US11708678B2

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