

Title (en)

Method for the vibration-free construction of a soil displacing foundation pile.

Title (de)

Verfahren zur schwingungsfreien Herstellung eines erdreichverdrängenden Gründungspfahles.

Title (fr)

Méthode de mise en place sans vibrations d'un pieu de fondation par déplacement du sol.

Publication

EP 0574057 A1 19931215 (EN)

Application

EP 93201383 A 19930514

Priority

NL 9200855 A 19920514

Abstract (en)

A method for the vibration-free production of a foundation pile, in which method a hollow tube (1), closed at the lower end thereof by a pile base (4) and provided on the outside thereof with a helix (3), is screwed into the ground, an amount of grout (5) is introduced into the hollow tube and a prefabricated pile (7) having a diameter smaller than the internal diameter of the tube is introduced into the hollow tube approximately as far as the pile base and the space between the pile and the tube (8) is filled entirely with grout, whereafter the hollow tube is retracted from the ground, leaving the pile base behind, while during the retraction of the tube from at least the part of the ground that exhibits positive adhesion, grout is pumped under pressure into said space. <IMAGE>

IPC 1-7

E02D 5/50; **E02D 5/38**; **E02D 5/62**

IPC 8 full level

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Citation (search report)

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