

Title (en)

Method for providing concrete foundation piles and hallow earth drill to be used for that purpose.

Title (de)

Verfahren zum Herstellen von Grundpfählen aus Beton und hohler Grundbohrer, der dazu verwendet wird.

Title (fr)

Méthode pour réaliser des pieux de fondation en béton ainsi qu'une tarière de sol creuse, utilisée à cet effet.

Publication

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Application

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Priority

NL 8802944 A 19881130

Abstract (en)

The invention relates to a method for providing concrete foundation piles in the ground, whereby a tube (1) provided with a helical blade (3) on its periphery is screwed into the ground to the desired depth, after which, while the tube (1) is being withdrawn, concrete is introduced in the hole formed by means of the tube (1) through the interior of the tube (1), via a discharge opening (5) located near the bottom side of said tube (1). Use is made of a tube (1) having a constant diameter along at least substantially its entire length, whose bottom end, along which the end of the helical blade (3) extends, is conical. When the tube (1) is being withdrawn from the ground concrete is supplied under pressure and pressed out of the tube (1) via the discharge opening (5), a closing means (6) of said discharge opening (5) being opened under the influence of the pressure exerted by the concrete.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [AD] US 3875751 A 19750408 - PAUS KJELD F W
- [AD] FR 438488 A 19120518 - HEINRICH GASSMANN [IT]
- [A] PATENT ABSTRACTS OF JAPAN, vol. 7, no. 98 (M-210)[1243], 26th April 1983, page 52 M 210; & JP-A-58 20 819 (ENU AI TEI K.K.) 07-02-1983

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