

Title (en)

Method for producing an injection pile beneath a water surface

Title (de)

Verfahren zum Herstellen eines Verpresspfahls unterhalb einer Wasseroberfläche

Title (fr)

Procédé de fabrication d'un pieu injecté sous pression au-dessous de la surface de l'eau

Publication

EP 2695998 A3 20150909 (DE)

Application

EP 13178036 A 20130725

Priority

DE 102012214338 A 20120810

Abstract (en)

[origin: EP2695998A2] The method involves inserting a threaded rod (37) in a location below the surface of water, and lowering an anchor nut that is provided with an internal thread. The anchor nut is screwed on an end (25) of the threaded rod. The threaded rod is releasably connected to an end of a guide element (11). The anchor nut is lowered over the guide element. The anchor nut is screwed by placing an end of a rotating tool at the anchor nut. Another end of the rotating tool is arranged above water surface by driving of the tool. The end of the guide element is formed in a conical or frustum shape. Independent claims are also included for the following: (1) a guide element (2) a rotary tool (3) a tubular drilling element.

CPC (source: EP)

E02D 9/04 (2013.01); **E02D 27/42** (2013.01)

Citation (search report)

[A] DE 10225980 A1 20031224 - ISCHEBECK FRIEDRICH GMBH [DE]

Cited by

CN109630170A; CN112538853A

DOCDB simple family (publication)

EP 2695998 A2 20140212; **EP 2695998 A3 20150909**; DE 102012214338 A1 20140213; DE 102012214338 B4 20190523

DOCDB simple family (application)

EP 13178036 A 20130725; DE 102012214338 A 20120810