

Title (en)

Cleaning device for cleaning a base of a borehole and method for creating a foundation element

Title (de)

Reinigungsvorrichtung zum Reinigen einer Sohle eines Bohrloches und Verfahren zum Erstellen eines Gründungselementes

Title (fr)

Dispositif destiné au nettoyage d'une semelle d'un trou de forage et procédé de création d'un élément de fondation

Publication

**EP 2998037 B1 20170308 (DE)**

Application

**EP 14185530 A 20140919**

Priority

EP 14185530 A 20140919

Abstract (en)

[origin: US2016083927A1] The invention relates to a cleaning device for cleaning a bottom of a borehole in the ground and also to a method for creating a bored pile in a borehole. The cleaning device has a pumping means, through which sedimented ground material in the region of the bottom of the borehole can be sucked away via a suction opening and can be discharged from the borehole via a suction line. At least one flushing nozzle is provided, through which a flushing jet can be produced, which exits the cleaning device and flushes sedimented ground material from the bottom of the borehole. A bored pile can then be produced in a thus cleaned borehole.

IPC 8 full level

**B08B 3/02** (2006.01); **E02D 5/34** (2006.01); **E02D 13/08** (2006.01); **E21B 21/00** (2006.01)

CPC (source: EP US)

**B08B 3/02** (2013.01 - US); **E02D 5/34** (2013.01 - US); **E02D 5/46** (2013.01 - US); **E02D 13/08** (2013.01 - EP US)

Cited by

CN111719624A; EP3228812A1; CN113216182A; CN108894230A; CN114016487A; CN114855800A; CN110306554A; US10246847B2; EP3652384A4

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 2998037 A1 20160323**; **EP 2998037 B1 20170308**; MY 175098 A 20200605; SG 10201507311Q A 20160428; TW 201619473 A 20160601; US 2016083927 A1 20160324; US 9512591 B2 20161206

DOCDB simple family (application)

**EP 14185530 A 20140919**; MY PI2015703263 A 20150917; SG 10201507311Q A 20150909; TW 104127862 A 20150826; US 201514858498 A 20150918