

Title (en)

Drilling machine for manufacturing posts including a penetrometric probe

Title (de)

Bohrmaschine zum Aufstellen von Masten, die eine Sonde zur penetrometrischen Messung umfasst

Title (fr)

Machine de forage pour la réalisation de pieux comprenant une sonde pénétrométrique

Publication

**EP 2631367 A3 20140122 (FR)**

Application

**EP 13151329 A 20130115**

Priority

FR 1250843 A 20120130

Abstract (en)

[origin: EP2631367A2] The machine (10) has a carrier (12) provided with a mast (16), and a plunger tube for injecting the concrete into a ground (S) from a lower end of a drilling tool (18). A mobile carriage (24) moves the drilling tool relative to the mast. A penetrometric probe (30) is intended to be introduced into the ground with the drilling tool, and an actuator moves the penetrometric probe in the ground, where the actuator is fixed to the machine. A calculating unit connected to the probe determines the depth where the current bearing capacity corresponds to a predetermined bearing capacity. An independent claim is also included for a method for realization of a pile having a predetermined bearing capacity in a ground.

IPC 8 full level

**E02D 5/36** (2006.01)

CPC (source: EP)

**E02D 5/36** (2013.01)

Citation (search report)

- [A] FR 2566813 A1 19860103 - SOLETANCHE [FR]
- [A] US 3700049 A 19721024 - TIRASPOLSKY WLADIMIR, et al
- [AD] EP 1146173 A1 20011017 - CIE DU SOL [FR]

Cited by

FR3018834A1; WO2015140468A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2631367 A2 20130828; EP 2631367 A3 20140122; EP 2631367 B1 20150325**; FR 2986247 A1 20130802; FR 2986247 B1 20140314

DOCDB simple family (application)

**EP 13151329 A 20130115**; FR 1250843 A 20120130