

Title (en)

Apparatus for extracting or recessing in the floor an object such as a pile or a tube and corresponding method

Title (de)

Gerät zum Herausziehen oder Einrammen eines Gegenstands (wie Pfahl oder Rohr) in den Boden, und entsprechendes Verfahren

Title (fr)

Appareil destiné à l'extraction ou à l'enfoncement dans le sol d'un objet tel qu'un pieu ou un tube et procédé correspondant

Publication

**EP 2757200 A3 20161019 (FR)**

Application

**EP 14151515 A 20140117**

Priority

FR 1350475 A 20130118

Abstract (en)

[origin: EP2757200A2] The apparatus (1) has a frame (4) to receive an object (2) e.g. pile or a tube, and a vibrator for extracting or recessing the object in a ground. The vibrator includes two vibrator modules, and the frame includes a side opening (5) to allow insertion of the object by a lateral translation movement in the frame between the vibrator modules, where the object is in a driving position. A tightening unit of the object partially closes the opening when the object is maintained. The tightening unit includes jaws (6) moving between retracted and tightening positions. An independent claim is also included for a method for maintenance of an object e.g. pile or tube, for extracting or recessing the object in the ground.

IPC 8 full level

**E02D 11/00** (2006.01)

CPC (source: EP)

**E02D 11/00** (2013.01)

Citation (search report)

- [X] EP 2003252 A1 20081217 - INNOVATIVE PILE DRIVING PRODUC [US]
- [AD] EP 0524056 A1 19930120 - PROCEDES TECH CONST [FR]

Cited by

CN113089667A

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 2757200 A2 20140723; EP 2757200 A3 20161019; EP 2757200 B1 20180314**; FR 3001239 A1 20140725; FR 3001239 B1 20150206

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