

Title (en)  
BORING AND CONCRETING EQUIPMENT FOR PRODUCING A CONCRETE PILE IN THE GROUND, AND CORRESPONDING METHOD

Title (de)  
BOHRUNGS- UND BETONIERUNGSAUSRÜSTUNG ZUR HERSTELLUNG EINES BETONPFAHLS IM BODEN UND ZUGEHÖRIGES VERFAHREN

Title (fr)  
OUTILLAGE DE FORAGE ET BÉTONNAGE POUR LA RÉALISATION D'UN PIEU EN BÉTON DANS LE SOL, ET PROCÉDÉ CORRESPONDANT.

Publication  
**EP 3119939 A1 20170125 (FR)**

Application  
**EP 15715343 A 20150318**

Priority  
• FR 1452403 A 20140321  
• FR 2015050659 W 20150318

Abstract (en)  
[origin: WO2015140468A1] The invention relates to boring and concreting equipment for producing a concrete pile (100) in the ground (S), said equipment comprising a central core (24) extending in an axial direction (X) and surrounded by a helicoidal blade (30), a cutting tool (50) arranged at a lower end of the equipment (24), a concrete-injecting conduit (34) provided with at least one concrete-injecting opening, and a circuit for injecting a treatment fluid comprising at least one opening for injecting the fluid in the vicinity of the cutting tool (50).

IPC 8 full level  
**E02D 5/36** (2006.01)

CPC (source: EP)  
**E02D 5/36** (2013.01)

Citation (search report)  
See references of WO 2015140468A1

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)  
**WO 2015140468 A1 20150924**; EP 3119939 A1 20170125; EP 3119939 B1 20190313; ES 2728132 T3 20191022; FR 3018834 A1 20150925; FR 3018834 B1 20181123; HU E044288 T2 20191028

DOCDB simple family (application)  
**FR 2015050659 W 20150318**; EP 15715343 A 20150318; ES 15715343 T 20150318; FR 1452403 A 20140321; HU E15715343 A 20150318