

Title (en)
VIBRATORY DRIVING OF FOUNDATIONS

Title (de)
EINVIBRIEREN VON GRÜNDUNGEN

Title (fr)
INTRODUCTION PAR VIBRATION DE FONDATIONS

Publication
EP 3927899 B1 20230405 (DE)

Application
EP 19783272 A 20191002

Priority
• DE 102019104292 A 20190220
• EP 2019076734 W 20191002

Abstract (en)
[origin: WO2020169218A1] The invention relates to a method and a device for the vibratory driving of a foundation into a subsoil by introduction of vibrations that are produced by means of a vibration device fastened to the foundation, the vibrations resulting in a fluidization of the subsoil so that the foundation can penetrate the subsoil.

IPC 8 full level
E02D 7/18 (2006.01); **E02D 7/24** (2006.01); **E02D 7/26** (2006.01); **E02D 7/28** (2006.01); **E02D 15/08** (2006.01)

CPC (source: EP KR US)
E02D 7/18 (2013.01 - EP KR); **E02D 7/24** (2013.01 - EP KR); **E02D 7/26** (2013.01 - EP KR US); **E02D 7/28** (2013.01 - EP KR); **E02D 15/08** (2013.01 - EP KR); **E02D 29/06** (2013.01 - US); **E02D 2250/0061** (2013.01 - KR)

Citation (examination)
JP 2014201971 A 20141027 - CHOWA KOGYO KK

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 LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
DE 102019104292 A1 20200820; DK 3927899 T3 20230626; EP 3927899 A1 20211229; EP 3927899 B1 20230405; FI 3927899 T3 20230613; JP 2022514124 A 20220209; JP 7039771 B2 20220322; KR 102431772 B1 20220811; KR 20210116664 A 20210927; LT 3927899 T 20230510; PL 3927899 T3 20230731; US 11905673 B2 20240220; US 2022145566 A1 20220512; WO 2020169218 A1 20200827

DOCDB simple family (application)
DE 102019104292 A 20190220; DK 19783272 T 20191002; EP 19783272 A 20191002; EP 2019076734 W 20191002; FI 19783272 T 20191002; JP 2021549300 A 20191002; KR 20217028202 A 20191002; LT EP2019076734 T 20191002; PL 19783272 T 20191002; US 201917432558 A 20191002