

Title (en)

METHOD EMPLOYING AEROSOL TO PERFORM DISTURBANCE PROCESSING ON SOFT SOIL FOUNDATION

Title (de)

VERFAHREN MIT AEROSOL ZUR STÖRUNGSBEARBEITUNG AUF EINEM FUNDAMENT AUS WEICHEM BODEN

Title (fr)

PROCÉDÉ UTILISANT UN AÉROSOL POUR RÉALISER UN TRAITEMENT DE PERTURBATION SUR UNE FONDATION DE SOL SOUPLE

Publication

EP 3564444 A4 20191225 (EN)

Application

EP 17888308 A 20170713

Priority

- CN 201611224965 A 20161227
- CN 2017092812 W 20170713

Abstract (en)

[origin: EP3564444A1] Provided is a method employing an aerosol to perform disturbance processing on a soft soil foundation. After a drain (1), a bed course (2), a gutter (3), and a protective casing or a punched channel (4) have been arranged, an injection pipe (8) is inserted into the protective casing or the punched channel (4) to atomize a liquid or solid aerosol material in an aerosol generator (7) so as to form an aerosol, and high pressure injection is performed to inject the same into a soil mass.

IPC 8 full level

E02D 3/10 (2006.01)

CPC (source: CN EP)

E02D 3/10 (2013.01 - CN EP); **E02D 3/103** (2013.01 - EP)

Citation (search report)

- [A] JP S60223518 A 19851108 - TAKENAKA KOMUTEN CO, et al
- [A] KR 20010104411 A 20011126 - SONG KI HYUN [KR]
- See references of WO 2018120755A1

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 3564444 A1 20191106; EP 3564444 A4 20191225; EP 3564444 B1 20220105; CN 106677156 A 20170517; CN 106677156 B 20181211; JP 2020514574 A 20200521; WO 2018120755 A1 20180705

DOCDB simple family (application)

EP 17888308 A 20170713; CN 201611224965 A 20161227; CN 2017092812 W 20170713; JP 2019529491 A 20170713