

Title (en)

Method and apparatus to drill in the soil by displacement

Title (de)

Verfahren und Vorrichtung zum Erstellen einer Bohrung im Boden durch Verdrängerbohren

Title (fr)

Méthode et dispositif pour forer dans le sol par refoulement

Publication

EP 1942247 B1 20090408 (DE)

Application

EP 07000129 A 20070104

Priority

EP 07000129 A 20070104

Abstract (en)

[origin: EP1942247A1] The method involves driving the drill string (10) in the ground (3) in a rotating manner, where the drill string has a cross sectional large displacement area (20) in its sub area. The operating parameters are detected while driving the drill string in the ground. The operating parameters are used for determining the load-carrying capacity of the drilling (1). An independent claim is also included for a device for building a drilling in the ground by displacement boring.

IPC 8 full level

E21B 7/26 (2006.01); **E21B 49/00** (2006.01)

CPC (source: EP US)

E21B 7/26 (2013.01 - EP US); **E21B 49/003** (2013.01 - EP US)

Citation (examination)

US 2002090271 A1 20020711 - SAEKI EIICHIRO [JP], et al

Cited by

EP2468960A1; EP3533932A1; WO2019166153A1; ITTO20101047A1; WO2018108662A1; US8821072B2; US12104342B2; EP3109365B1

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DOCDB simple family (application)

EP 07000129 A 20070104; AT 07000129 T 20070104; DE 502007000585 T 20070104; DK 07000129 T 20070104; ES 07000129 T 20070104; HK 09100095 A 20090106; PL 07000129 T 20070104; PT 07000129 T 20070104