

Title (en)  
DRILLING MACHINE

Title (de)  
BOHRGERÄT

Title (fr)  
MACHINE DE FORAGE

Publication  
**EP 3347525 B1 20190717 (FR)**

Application  
**EP 16767339 A 20160908**

Priority  
• FR 1558426 A 20150910  
• FR 2016052247 W 20160908

Abstract (en)  
[origin: WO2017042496A1] The present invention relates to a drilling machine (10) for carrying out excavation in the ground (S) in a vertical drilling direction (F). Said drilling machine comprises: a mounting (12) having a longitudinal direction (L); a drilling module (14) provided with cutting members (16), the drilling module being translatable relative to the mounting; and a movement device, arranged between the mounting and the drilling module, for moving the drilling module (14) relative to the mounting in the longitudinal direction of the mounting. The invention is characterized in that the movement device comprises an absorption device (70) for absorbing the vibrations generated by the drilling module while carrying out the drilling.

IPC 8 full level  
**E02D 17/13** (2006.01)

CPC (source: EP KR US)  
**E02D 5/34** (2013.01 - KR); **E02D 17/04** (2013.01 - EP KR US); **E02D 17/13** (2013.01 - EP KR US); **E21B 3/00** (2013.01 - KR); **E21B 7/06** (2013.01 - KR); **E02D 5/34** (2013.01 - EP US); **E02D 2250/0038** (2013.01 - KR)

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

DOCDB simple family (publication)  
**WO 2017042496 A1 20170316**; AU 2016319498 A1 20180412; AU 2016319498 B2 20210610; CA 2998309 A1 20170316; CN 108495966 A 20180904; CN 108495966 B 20210921; DE 202016008569 U1 20180626; EP 3347525 A1 20180718; EP 3347525 B1 20190717; FR 3041023 A1 20170317; FR 3041023 B1 20170929; JP 2018528341 A 20180927; JP 6655170 B2 20200226; KR 102337106 B1 20211208; KR 20180053330 A 20180521; SG 11201801992Q A 20180427; US 10844570 B2 20201124; US 2018305885 A1 20181025

DOCDB simple family (application)  
**FR 2016052247 W 20160908**; AU 2016319498 A 20160908; CA 2998309 A 20160908; CN 201680064454 A 20160908; DE 202016008569 U 20160908; EP 16767339 A 20160908; FR 1558426 A 20150910; JP 2018512860 A 20160908; KR 20187009812 A 20160908; SG 11201801992Q A 20160908; US 201615758774 A 20160908