

Title (en)
DETERMINING ROCK PROPERTIES

Title (de)
BESTIMMUNG DER GESTEINSEIGENSCHAFTEN

Title (fr)
DÉTERMINATION DE PROPRIÉTÉS D'UNE ROCHE

Publication
EP 3601997 A1 20200205 (EN)

Application
EP 18716447 A 20180320

Priority
• US 201715463537 A 20170320
• US 2018023312 W 20180320

Abstract (en)
[origin: WO2018175404A1] A compressive load is exerted with a test apparatus across a rock sample that has a specified length-to-diameter ratio. A strain on the rock sample is measured during the compressive loading with a strain gauge. A mechanical property of the rock sample is determined based at least in part on the compressive load. An elastic property of the rock sample is determined based at least in part on the measured strain and the compressive load.

IPC 8 full level
E21B 49/00 (2006.01); **G01N 3/08** (2006.01); **G01N 33/24** (2006.01)

CPC (source: EP)
G01N 3/08 (2013.01); **G01N 2203/0019** (2013.01); **G01N 2203/0098** (2013.01); **G01N 2203/0252** (2013.01); **G01N 2203/0274** (2013.01); **G01N 2203/0682** (2013.01)

Citation (search report)
See references of WO 2018175404A1

Designated contracting state (EPC)
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Designated extension state (EPC)
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WO 2018175404 A1 20180927; CA 3057319 A1 20180927; CN 111094932 A 20200501; EP 3601997 A1 20200205; SA 519410151 B1 20230208

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US 2018023312 W 20180320; CA 3057319 A 20180320; CN 201880019961 A 20180320; EP 18716447 A 20180320; SA 519410151 A 20190917