

Title (en)
DRILLING RAM DEVICE

Title (de)
RAMMBOHRVORRICHTUNG

Title (fr)
FUSÉE DE COMPACTAGE

Publication
EP 3215704 B1 20181031 (DE)

Application
EP 15812946 A 20151104

Priority
• DE 102014016154 A 20141104
• EP 2015002204 W 20151104

Abstract (en)
[origin: WO2016070987A1] The invention relates to a drilling ram device for drilling into the soil, which comprises at least a housing section for an impact piston, characterized in that an annular insert is arranged in front of the impact piston in the housing such that it transmits at least part of the energy of the impact piston to the housing, and that the annular insert is held by means of a shrinkage connection.

IPC 8 full level
B25D 9/12 (2006.01); **B25D 9/26** (2006.01); **E21B 1/38** (2006.01); **E21B 4/06** (2006.01); **E21B 6/00** (2006.01); **E21B 44/00** (2006.01)

CPC (source: EP US)
B25D 9/12 (2013.01 - US); **B25D 9/26** (2013.01 - US); **E21B 1/38** (2020.05 - US); **E21B 4/06** (2013.01 - EP US); **E21B 4/145** (2013.01 - EP); **E21B 4/145** (2013.01 - US); **E21B 6/00** (2013.01 - US); **E21B 44/00** (2013.01 - US)

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)
DE 102014016154 A1 20160504; AU 2015342237 A1 20170601; AU 2015342237 B2 20180823; EP 3215704 A1 20170913; EP 3215704 B1 20181031; PL 3215704 T3 20190228; US 10828763 B2 20201110; US 2017334052 A1 20171123; WO 2016070987 A1 20160512

DOCDB simple family (application)
DE 102014016154 A 20141104; AU 2015342237 A 20151104; EP 15812946 A 20151104; EP 2015002204 W 20151104; PL 15812946 T 20151104; US 201515524202 A 20151104