

Title (en)
LOADING DRILL RODS FROM CASSETTE TO DRILLING POSITION

Title (de)
LADEN VON BOHRSTANGEN AUS EINER KARTUSCHE ZUR BOHRSTELLE

Title (fr)
TIGES DE FORAGE DE CHARGEMENT DE CASSETTE À POSITION DE FORAGE

Publication
EP 3147448 A1 20170329 (EN)

Application
EP 15186657 A 20150924

Priority
EP 15186657 A 20150924

Abstract (en)
There is provided an apparatus, a cassette (106) for drill rods (104) and a rock drilling machine that comprise a loading arm (102) for loading drill rods (104) from a cassette (106) to a drilling position in a rock drilling machine. The loading arm (102) has two loading positions for receiving drill rods (104), said two positions comprising a first position for receiving drill rods (104) from the cassette (106), and a second position for receiving drill rods (104) from an external source.

IPC 8 full level
E21B 7/02 (2006.01); **E21B 19/14** (2006.01)

CPC (source: EP)
E21B 7/025 (2013.01); **E21B 19/146** (2013.01)

Citation (search report)

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- [Y] US 2009196712 A1 20090806 - MORTENSEN ASBJORN [SG], et al
- [A] EP 0860581 A1 19980826 - HUETTE BOHRTECH GMBH [DE]
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Cited by
SE1850636A1; WO2020168377A1; US11448070B2

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

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EP 3147448 A1 20170329; **EP 3147448 B1 20190710**; AU 2016231545 A1 20170413; AU 2016231545 B2 20171130; CA 2942462 A1 20170324; CA 2942462 C 20181127

DOCDB simple family (application)
EP 15186657 A 20150924; AU 2016231545 A 20160922; CA 2942462 A 20160920