

Title (en)
EXTENDED REACH DRILLING

Title (de)
BOHREN MIT VERGRÖßERTER REICHWEITE

Title (fr)
FORAGE À LONG DÉPORT

Publication
EP 2795032 A4 20160120 (EN)

Application
EP 12858853 A 20121218

Priority
• NZ 59719711 A 20111219
• US 201261594072 P 20120202
• NZ 2012000240 W 20121218

Abstract (en)
[origin: WO2013095164A1] Apparatus, methods and uses that allow extended reach drilling by virtue of the provision in the drillstring and to downhole tools collective vibrations, not tuned specifically to a single resonant frequency, from a hammer assembly that provides vibrations of different frequency ranges.

IPC 8 full level
E21B 1/00 (2006.01); **E21B 4/06** (2006.01); **E21B 6/00** (2006.01); **E21B 6/04** (2006.01)

CPC (source: EP US)
E21B 1/04 (2013.01 - EP US); **E21B 6/04** (2013.01 - EP US); **E21B 7/24** (2013.01 - US); **E21B 10/36** (2013.01 - US);
E21B 28/00 (2013.01 - EP US)

Citation (search report)
• [X] DE 2541795 A1 19770331 - SIEKE HELMUT
• [X] WO 2004073932 A1 20040902 - SANDVIK TAMROCK OY [FI], et al
• [X] EP 0930476 A1 19990721 - BOEHLER PNEUMATIK INT GMBH [AT]
• See references of WO 2013095164A1

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 2013095164 A1 20130627; EP 2795032 A1 20141029; EP 2795032 A4 20160120; US 2014332278 A1 20141113

DOCDB simple family (application)
NZ 2012000240 W 20121218; EP 12858853 A 20121218; US 201214366377 A 20121218