

Title (en)

UNDERREAMER FOR INCREASING A BORE DIAMETER

Title (de)

RÄUMER ZUR ERHÖHUNG EINES BOHRDURCHMESSERS

Title (fr)

ELARGISSEUR PERMETTANT D'AGRANDIR LE DIAMÈTRE D'UN ALÉSAGE

Publication

EP 2938804 A1 20151104 (EN)

Application

EP 13868680 A 20131227

Priority

- US 201261746372 P 20121227
- US 201361921050 P 20131226
- US 2013078078 W 20131227

Abstract (en)

[origin: WO2014106102A1] An underreamer for increasing the diameter of a bore. The underreamer includes a substantially cylindrical body having an axial bore therein. A mandrel may extend axially through the axial bore. One or more cutter blocks are movably coupled to the body. A ratio of a height of the cutter block to a diameter of the body is between about 0.35:1 and about 0.50:1.

IPC 8 full level

E21B 10/32 (2006.01)

CPC (source: EP US)

E21B 10/322 (2013.01 - EP 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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2014106102 A1 20140703; BR 112015015771 A2 20170829; EP 2938804 A1 20151104; EP 2938804 A4 20161102; MX 2015008228 A 20150916; MX 364341 B 20190423

DOCDB simple family (application)

US 2013078078 W 20131227; BR 112015015771 A 20131227; EP 13868680 A 20131227; MX 2015008228 A 20131227