

Title (en)

SEALING ELEMENT FOR DOWNHOLE TOOL

Title (de)

DICHTUNGSELEMENT FÜR BOHRLOCHWERKZEUG

Title (fr)

ÉLÉMENT D'ÉTANCHÉITÉ POUR UN OUTIL DE FOND DE TROU

Publication

**EP 3094813 B1 20191204 (EN)**

Application

**EP 14888977 A 20140409**

Priority

US 2014033508 W 20140409

Abstract (en)

[origin: WO2015156796A1] Expansion sealing elements used to prevent fluid, flow through an annulus formed by tubing within the well and the wall of the wellbore or casing are provided. The expansion sealing elements are useful on downhole tools including those that need to be lowered through a first casing to be set in a second casing, which, has a larger diameter than the first casing.

IPC 8 full level

**E21B 33/12** (2006.01); **E21B 33/128** (2006.01); **E21B 33/129** (2006.01)

CPC (source: EP US)

**E21B 23/01** (2013.01 - US); **E21B 23/06** (2013.01 - US); **E21B 33/12** (2013.01 - EP US); **E21B 33/1208** (2013.01 - EP US); **E21B 33/128** (2013.01 - EP US); **E21B 33/1293** (2013.01 - EP US)

Citation (examination)

WO 03008760 A1 20030130 - SHELL INT RESEARCH [NL], et al

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 2015156796 A1 20151015**; AU 2014390013 A1 20160804; AU 2014390013 B2 20180201; CA 2939070 A1 20151015; CA 2939070 C 20180123; EP 3094813 A1 20161123; EP 3094813 A4 20170816; EP 3094813 B1 20191204; MX 2016011592 A 20161129; US 2016265303 A1 20160915

DOCDB simple family (application)

**US 2014033508 W 20140409**; AU 2014390013 A 20140409; CA 2939070 A 20140409; EP 14888977 A 20140409; MX 2016011592 A 20140409; US 201414766026 A 20140409