

Title (en)
Probe packer and method of using same

Title (de)
Sondenverpacker und Verfahren zu dessen Verwendung

Title (fr)
Packer de sonde et son procédé d'utilisation

Publication
EP 2599954 A3 20140409 (EN)

Application
EP 11290552 A 20111130

Priority
EP 11290552 A 20111130

Abstract (en)
[origin: EP2599954A2] A probe for forming a seal between a downhole tool and a wall of a wellbore, includes a probe inlet (120) extending from the downhole tool for fluid communication with a subterranean formation, a base (130) positionable about the downhole tool about the probe inlet, a packer (118) positionable on the base for forming a seal with the wellbore wall, and a raised packer support (342) and/or packer stopper (556) for supporting the packer as the packer is compressed against the wellbore wall. The packer may have an inlet channel (536) extending therethrough for receiving the probe inlet. The raised packer support can extend from the base for supporting the packer, and the packer may have a support channel extending a distance therein for receiving the raised packer support. The packer stopper can extend from the base about a perimeter of the packer with an expansion gap defined (562) therebetween.

IPC 8 full level
E21B 33/12 (2006.01); **E21B 49/10** (2006.01)

CPC (source: EP US)
E21B 33/1216 (2013.01 - EP US); **E21B 49/10** (2013.01 - EP US)

Citation (search report)

- [X] US 2005268709 A1 20051208 - MCGREGOR MALCOLM D [US], et al
- [X] US 3295615 A 19670103 - BRIEGER EMMET F, et al
- [XDA] US 2010155053 A1 20100624 - TAO CHEN [US], et al
- [XD] US 2005161218 A1 20050728 - VAN ZUILEKOM ANTHONY H [US], 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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2599954 A2 20130605; EP 2599954 A3 20140409; US 2014318817 A1 20141030; WO 2013081782 A1 20130606

DOCDB simple family (application)
EP 11290552 A 20111130; US 2012063767 W 20121107; US 201214361969 A 20121107