

Title (en)

Large bore packer

Title (de)

Packer mit großem Durchmesser

Title (fr)

Garniture d'étanchéité de puits de grand diamètre

Publication

**EP 2128377 A3 20170412 (EN)**

Application

**EP 09275033 A 20090508**

Priority

GB 0809963 A 20080531

Abstract (en)

[origin: EP2128377A2] A retrievable large bore packer (10) for providing an annular seal and an anchor system in a well bore. Ports (14) are provided behind the slips (70) to prevent debris build-up and allow the slips (70) to release. These ports (14), in a thin walled tubing (12), allow the collapse of the tubing behind the slips to aid removal of the packer if the sealing element (16) does not release. The slip arrangement is mounted entirely above the sealing element (16) to remove the requirement to seal between the slips and the inner bore of the packer. In this way the packer can have a large bore. Further flow paths are provided through the packer above the seal to prevent debris build-up above the sealing element.

IPC 8 full level

**E21B 33/129** (2006.01)

CPC (source: EP GB US)

**E21B 23/06** (2013.01 - GB); **E21B 33/129** (2013.01 - EP GB US); **E21B 33/1292** (2013.01 - EP US)

Citation (search report)

- [A] US 2006180319 A1 20060817 - LUCAS CHAD [US], et al
- [A] WO 2007035745 A2 20070329 - PIONEER NATURAL RESOURCES USA [US], et al
- [A] US 6220348 B1 20010424 - SERAFIN VITOLD [CA], et al
- [A] US 5404956 A 19950411 - BOHLEN J TAD [US], et al

Cited by

GB2515952A; GB2515952B; US9422811B2; US9291029B2; WO2013162380A1; WO2015095467A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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