

Title (en)
A Downhole Plug

Title (de)
Bohrlochstopfen

Title (fr)
Bouchon de fond de trou

Publication
EP 2650468 A2 20131016 (EN)

Application
EP 13163387 A 20130411

Priority
GB 201206381 A 20120411

Abstract (en)
A downhole plug for plugging and method of controlling fluids within a borehole in an oil and/or gas well. The downhole plug has a body having a throughbore for the passage of fluids. The plug also has a mechanical anchoring device that can radially expand an anchoring member on an outer surface of the body to lock the body in a fixed axial position within the borehole and an annular sealing device that can radially expand a sealing member on the outer surface of the body to seal an annulus formed between the outer surface of the body and an inner surface of the borehole. The plug also has a throughbore plugging device that can change configuration between a first open configuration in which the throughbore of the body permits the passage of fluid, and a second closed configuration in which the throughbore resists the passage of fluid.

IPC 8 full level
E21B 33/129 (2006.01)

CPC (source: EP US)
E21B 33/128 (2013.01 - US); **E21B 33/129** (2013.01 - EP US); **E21B 33/1292** (2013.01 - EP US); **E21B 33/1294** (2013.01 - EP US); **E21B 33/1295** (2013.01 - US)

Cited by
US11946330B2; WO2020239642A1

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 2650468 A2 20131016; **EP 2650468 A3 20140903**; GB 201206381 D0 20120523; US 2013292119 A1 20131107

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EP 13163387 A 20130411; GB 201206381 A 20120411; US 201313860738 A 20130411