

Title (en)  
Downhole cleaning system

Title (de)  
Bohrloch-Reinigungssystem

Title (fr)  
Système de nettoyage de trou de forage

Publication  
**EP 2518263 B1 20141105 (EN)**

Application  
**EP 11164021 A 20110428**

Priority  
EP 11164021 A 20110428

Abstract (en)  
[origin: EP2518263A1] The present invention relates to a downhole cleaning system for cleaning an element inside a casing in a wellbore comprising well fluid having a wellbore pressure , comprising the casing, a wireline cleaning tool having a longitudinal direction and comprising a rotatable nozzle head having a plurality of nozzles, a tool housing having an inlet being in fluid communication with the nozzles for jetting well fluid into the tool, a flow hindering element arranged on an outside of the housing dividing the tool in a first and a second tool part and dividing the casing in a first and a second casing part and a rotatable shaft connecting the nozzle head with the housing, wherein the system further comprises a pumping device for pressurising the well fluid in the first part of casing to a pressure substantially above the wellbore pressure and above a pressure in the second part of the casing so that well fluid is pumped in through the inlet and out through the nozzles. Furthermore, the invention relates to a wireline cleaning tool and to a cleaning method.

IPC 8 full level  
**E21B 37/00** (2006.01); **E21B 41/00** (2006.01)

CPC (source: EP US)  
**E21B 33/12** (2013.01 - US); **E21B 34/06** (2013.01 - US); **E21B 37/00** (2013.01 - EP US); **E21B 41/0078** (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

DOCDB simple family (publication)  
**EP 2518263 A1 20121031; EP 2518263 B1 20141105**; AU 2012247456 A1 20130502; AU 2012247456 B2 20150709; BR 112013027498 A2 20170110; CA 2834472 A1 20121101; CN 103502566 A 20140108; CN 103502566 B 20161116; DK 2518263 T3 20150126; EP 2702240 A1 20140305; MX 2013012441 A 20131202; MX 340697 B 20160721; RU 2013152078 A 20150610; RU 2592577 C2 20160727; US 2015308232 A1 20151029; WO 2012146725 A1 20121101

DOCDB simple family (application)  
**EP 11164021 A 20110428**; AU 2012247456 A 20120427; BR 112013027498 A 20120427; CA 2834472 A 20120427; CN 201280020768 A 20120427; DK 11164021 T 20110428; EP 12717715 A 20120427; EP 2012057789 W 20120427; MX 2013012441 A 20120427; RU 2013152078 A 20120427; US 201214114300 A 20120427