

Title (en)  
METHODS FOR TREATING WELLBORE AND WELLBORE OPERATION FLUIDS

Title (de)  
VERFAHREN ZUR BEHANDLUNG VON BOHRLÖCHERN UND BOHRLOCHBETRIEBSFLÜSSIGKEITEN

Title (fr)  
PROCÉDÉS DE TRAITEMENT D'UN Puits DE FORAGE ET FLUIDES OPÉRATIONNELS DE Puits DE FORAGE

Publication  
**EP 2900784 A4 20160601 (EN)**

Application  
**EP 13841298 A 20130926**

Priority  
• US 201213629664 A 20120928  
• US 2013061804 W 20130926

Abstract (en)  
[origin: US2014090833A1] Method comprising providing a portion of a subterranean formation having a first formation bacterial count as a result of the presence of a plurality of bacteria in the formation; providing a wellbore treatment fluid having a first wellbore treatment fluid bacterial count as a result of the presence of a plurality of bacteria in the wellbore treatment fluid; combining the wellbore treatment fluid with a plurality of bacteriocins; placing the wellbore treatment fluid into a wellbore in the portion of the subterranean formation; reducing the first formation bacterial count to a second formation bacterial count; and reducing the first wellbore treatment fluid bacterial count to a second wellbore treatment fluid bacterial count.

IPC 8 full level  
**C09K 8/035** (2006.01); **A01N 37/00** (2006.01); **A01N 63/50** (2020.01); **C09K 8/60** (2006.01); **E21B 21/06** (2006.01)

CPC (source: EP US)  
**A01N 63/50** (2020.01 - EP US); **C09K 8/035** (2013.01 - EP US); **C09K 8/605** (2013.01 - EP US); **E21B 37/06** (2013.01 - US)

Citation (search report)  
• [I] WO 2008016662 A2 20080207 - KEMIRA OYJ [FI], et al  
• [I] WO 9009739 A1 19900907 - HEALTH RESEARCH INST [US]  
• [A] US 4507212 A 19850326 - DRIA DENNIS E [US], et al  
• [A] VOLODYMYR IVANOV ET AL: "Applications of microorganisms to geotechnical engineering for bioclogging and biocementation of soil in situ", RE/VIEWS IN ENVIRONMENTAL SCIENCE & BIO/TECHNOLOGY, KLUWER ACADEMIC PUBLISHERS, DO, vol. 7, no. 2, 23 January 2008 (2008-01-23), pages 139 - 153, XP019614334, ISSN: 1572-9826  
• See references of WO 2014052519A1

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)  
**US 2014090833 A1 20140403**; AU 2013323554 A1 20150319; CA 2882949 A1 20140403; EP 2900784 A1 20150805; EP 2900784 A4 20160601; MX 2015003020 A 20151109; WO 2014052519 A1 20140403

DOCDB simple family (application)  
**US 201213629664 A 20120928**; AU 2013323554 A 20130926; CA 2882949 A 20130926; EP 13841298 A 20130926; MX 2015003020 A 20130926; US 2013061804 W 20130926