Title (en)

SYSTEMS AND APPARATUSES FOR SEPARATING WELLBORE FLUIDS AND SOLIDS DURING PRODUCTION

Title (de)

SYSTEME UND VORRICHTUNGEN ZUR TRENNUNG VON BOHRLOCHFLÜSSIGKEITEN UND FESTSTOFFEN WÄHREND DER HERSTELLUNG

Title (fr)

SYSTÈMES ET APPAREILS PERMETTANT DE SÉPARER DES FLUIDES DE PUITS DE FORAGE ET DE SOLIDES PENDANT LA PRODUCTION

Publication

EP 3346090 A1 20180711 (EN)

Application

EP 18157720 A 20140912

Priority

- US 201314026170 A 20130913
- CA 2827459 A 20130917
- EP 14844941 A 20140912
- CA 2014000695 W 20140912

Abstract (en)

There is provided apparatuses, and related systems, for effecting production of oil from a reservoir. A separator (108) is provided and configured to mitigate problems with solid debris accumulation within the wellbore. A system is also provided, including the separator (108), and is disposed within a wellbore. A pump (12) is also provided, and disposed in fluid communication with, and downstream from, the separator (108), for receiving reservoir fluids from which gaseous and solid material have been separated by the separator (108). A sump (206) for collection of solid particulate that is entrained within fluid being discharged from a first outlet port of the separator is provided within a space having a volume of at least 0.1 m3.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [IY] US 1674815 A 19280626 - BARNHART WALTER J
- [Y] US 5915475 A 19990629 - WELLS EDWARD A [US], et al
- [IY] GB 2183171 A 19870603 - CHEVRON RES
- [IY] US 2005081718 A1 20050421 - CARRUTH DON V [US]

Designated contracting state (EPC)

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US 2015075772 A1 20150319; AU 2014321104 A1 20160407; AU 2019201116 A1 20190307; BR 112016005572 A8 20200218; CA 2827459 A1 20150313; CA 2923984 A1 20150319; CL 2016000607 A1 20160902; CN 105705729 A 20160622; EA 201690585 A1 20160930; EP 3044408 A1 20160720; EP 3044408 A4 20170823; EP 3346090 A1 20180711; MX 2016003272 A 20161028

DOCDB simple family (application)

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