

Title (en)
Gas lift valve

Title (de)
Gasliftventil

Title (fr)
Soupape d'extraction au gaz

Publication
EP 2863006 A3 20151223 (EN)

Application
EP 14185861 A 20140922

Priority
• US 201361881663 P 20130924
• US 201462001448 P 20140521

Abstract (en)
[origin: EP2863006A2] A method for performing downhole gas lift operations includes coupling a gas lift valve (140) to a tubing (120), wherein the gas lift valve includes an actuator (240), a flow control device (250) disposed in the actuator, and a closure member (230) that is initially in an open position; injecting a gas downhole and exterior to the tubing; urging the gas to enter the tubing via the gas lift valve; and creating a sufficient pressure differential across the gas lift valve to move the actuator, thereby causing the closure member to close the gas lift valve.

IPC 8 full level
E21B 43/12 (2006.01)

CPC (source: BR EP US)
E21B 33/10 (2013.01 - US); **E21B 34/10** (2013.01 - US); **E21B 43/12** (2013.01 - BR); **E21B 43/123** (2013.01 - BR EP US);
F04F 1/20 (2013.01 - BR)

Citation (search report)
• [XYI] US 3888273 A 19750610 - DOUGLAS BOBBY L
• [XYI] US 4489743 A 19841225 - CANALIZO CARLOS R [US], et al
• [XA] US 3642070 A 19720215 - TAYLOR FRANK H, et al
• [XY] US 2004182437 A1 20040923 - MESSICK TYSON R [US]
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• [X] WO 2007089933 A1 20070809 - BAKER HUGHES INC [US]
• [X] WO 2005093209 A1 20051006 - SHELL INT RESEARCH [NL], et al
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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 2863006 A2 20150422; EP 2863006 A3 20151223; BR 102014023581 A2 20151006; US 2015083433 A1 20150326

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EP 14185861 A 20140922; BR 102014023581 A 20140923; US 201414493505 A 20140923