

Title (en)
FLOW CONTROL SCREEN TUBE FOR USE IN OIL RECOVERY PROCESS

Title (de)
FLUSSSTEUERUNGSSIEBROHR ZUR VERWENDUNG IN EINEM ÖLWIEDERGEWINNUNGSVERFAHREN

Title (fr)
TUBE ÉCRAN DE RÉGULATION DE DÉBIT DESTINÉ À ÊTRE UTILISÉ DANS L EXTRACTION PÉTROLIÈRE

Publication
EP 2458144 A4 20170308 (EN)

Application
EP 10801850 A 20100720

Priority
• CN 200920166948 U 20090721
• CN 2010001089 W 20100720

Abstract (en)
[origin: EP2458144A1] A flow control screen for use in oilfield exploitation comprises: a base pipe (1) provided with a base pipe inlet (11) thereon; a filter pipe (2) sleeved over the base pipe (1); a flow guide layer (3) formed between the base pipe and the filter pipe; and a flow control device (4) including an inlet (41) of the flow control device, a flow control channel (42) and an outlet (43) of the flow control device, wherein the inlet of the flow control device is in fluid communication with the flow guide layer, and the outlet of the flow control device is in fluid communication with the base pipe inlet. The pipe is simply structured and cost-effective, and effectively meets the requirements in oil production.

IPC 8 full level
E21B 43/08 (2006.01)

CPC (source: EP US)
E21B 43/08 (2013.01 - EP US); **E21B 43/086** (2013.01 - US); **E21B 43/12** (2013.01 - EP US)

Citation (search report)
• [X] US 5823260 A 19981020 - MCCONNELL HOWARD T [US], et al
• [A] US 6006829 A 19991228 - WHITLOCK MICHAEL B [US], et al
• [A] CN 201031670 Y 20080305 - YI HUIAN YI QIZUN [CN]
• See references of WO 2011009290A1

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 SE SI SK SM TR

DOCDB simple family (publication)
EP 2458144 A1 20120530; EP 2458144 A4 20170308; EP 2458144 B1 20180829; CA 2768754 A1 20110127; CN 201486537 U 20100526; RU 2012105982 A 20130827; RU 2495997 C1 20131020; US 2012175104 A1 20120712; WO 2011009290 A1 20110127

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EP 10801850 A 20100720; CA 2768754 A 20100720; CN 200920166948 U 20090721; CN 2010001089 W 20100720; RU 2012105982 A 20100720; US 201013384674 A 20100720