

Title (en)

KOBE SUB WITH INFLOW CONTROL, WELLBORE TUBING STRING AND METHOD

Title (de)

KOBE-SUB MIT ZUFLUSSSTEUERUNG, BOHRLOCHROHRSTRANG UND VERFAHREN DAFÜR

Title (fr)

RACCORD KOBE AVEC COMMANDE D'AFFLUX, COLONNE DE TUBAGE DE TROUS DE FORAGE, ET PROCÉDÉ

Publication

EP 2721247 A4 20151111 (EN)

Application

EP 12803334 A 20120620

Priority

- US 201161499071 P 20110620
- US 201161562556 P 20111122
- US 201261613299 P 20120320
- CA 2012050412 W 20120620

Abstract (en)

[origin: WO2012174662A1] A kobe sub includes a kobe installed in a port of the sub, the kobe includes a cap portion accessible in the inner bore, a base mounted in the port and connected to the cap portion, a channel extending through the base and closed by the cap portion; and an inflow controller positioned to control fluid flowing through the channel toward the inner bore when the cap portion is opened; and a port opening tool for opening the cap portion. The kobe may be employed with a frac port.

IPC 8 full level

E21B 34/14 (2006.01); **E21B 17/00** (2006.01); **E21B 29/00** (2006.01); **E21B 43/12** (2006.01)

CPC (source: EP US)

E21B 17/18 (2013.01 - US); **E21B 29/00** (2013.01 - US); **E21B 34/063** (2013.01 - EP US); **E21B 34/14** (2013.01 - EP US); **E21B 43/2605** (2020.05 - EP US); **E21B 43/27** (2020.05 - EP US)

Citation (search report)

- [XY] WO 2010025150 A2 20100304 - HALLIBURTON ENERGY SERV INC [US], et al
- [XY] US 2011127047 A1 20110602 - THEMIG DANIEL JON [CA], et al
- See also references of WO 2012174662A1

Cited by

CN106468157A

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)

WO 2012174662 A1 20121227; BR 112013032427 A2 20170117; CA 2837771 A1 20121227; EP 2721247 A1 20140423; EP 2721247 A4 20151111; US 2014151052 A1 20140605

DOCDB simple family (application)

CA 2012050412 W 20120620; BR 112013032427 A 20120620; CA 2837771 A 20120620; EP 12803334 A 20120620; US 201213883218 A 20120620