

Title (en)

Apparatus and method for oil sand exploitation

Title (de)

Vorrichtung und Verfahren zur Gewinnung von Öl aus Ölsand

Title (fr)

Appareil et procédé pour l'exploitation de sable pétrolifère

Publication

**EP 2612983 B1 20140521 (EN)**

Application

**EP 12150055 A 20120103**

Priority

EP 12150055 A 20120103

Abstract (en)

[origin: EP2612983A1] Oil sand exploitation is enhanced, by using a downhole apparatus comprising a casing (130) for housing a water conduit for receiving water via a water pipe, at least one steam generation chamber mounted to the peripheral surface of the casing and being in fluid communication with said water conduit and having at least one steam outlet, at least one electrical heater, being thermally connected to said steam generation chamber, if the downhole apparatus further comprises at least one crude oil conduit (125) for recovering crude oil, which has been mobilized by said steam.

IPC 8 full level

**E21B 43/24** (2006.01)

CPC (source: EP US)

**E21B 43/2401** (2013.01 - EP US)

Citation (examination)

US 2005072567 A1 20050407 - STEELE DAVID JOE [US], et al

Cited by

CN111502623A; CN104533365A; WO2019064043A1; US10273790B2; US10557336B2; US10760394B2

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DOCDB simple family (publication)

**EP 2612983 A1 20130710; EP 2612983 B1 20140521**; CA 2857587 A1 20130711; CN 104024568 A 20140903; ES 2482668 T3 20140804; JP 2015503690 A 20150202; JP 5695282 B2 20150401; KR 20140109477 A 20140915; RU 2014131934 A 20160227; US 2013168093 A1 20130704; WO 2013102501 A1 20130711

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**EP 12150055 A 20120103**; CA 2857587 A 20120615; CN 201280065331 A 20120615; EP 2012061503 W 20120615; ES 12150055 T 20120103; JP 2014550655 A 20120615; KR 20147021814 A 20120615; RU 2014131934 A 20120615; US 201213346563 A 20120109