

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 A1 20130710 (EN)

Application
EP 12150055 A 20120103

Priority
EP 12150055 A 20120103

Abstract (en)
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 (applicant)

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- [Y] US 4116275 A 19780926 - BUTLER ROGER MOORE, et al
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Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

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DOCDB simple family (application)
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