

Title (en)

METHOD FOR TREATING A HYDROCARBON CONTAINING FORMATION

Title (de)

VERFAHREN ZUR BEHANDLUNG EINER KOHLENWASSERSTOFFHALTIGEN FORMATION

Title (fr)

PROCÉDÉ PERMETTANT DE TRAITER UNE FORMATION CONTENANT DES HYDROCARBURES

Publication

EP 2265798 A2 20101229 (EN)

Application

EP 09732093 A 20090417

Priority

- US 2009040936 W 20090417
- US 4619308 P 20080418

Abstract (en)

[origin: WO2009129451A2] Methods of generating subsurface heat for treatment of a hydrocarbon containing formation are described herein. Methods include providing steam to at least a portion of a hydrocarbon containing formation from a plurality of locations in a wellbore. The steam is hotter than a temperature of the portion. The steam is heated in the wellbore by combusting a stream comprising hydrogen sulfide in the wellbore. Heat from the combustion transfers to the steam. The steam provided the portion at a first location in the wellbore is hotter than steam provided at a second location in the wellbore along the length of the wellbore, where the first location is further from a surface of the formation than the second location along the length of the wellbore.

IPC 8 full level

E21B 43/24 (2006.01); **E21B 36/02** (2006.01)

CPC (source: EP US)

E21B 36/02 (2013.01 - EP US); **E21B 43/243** (2013.01 - EP US)

Citation (search report)

See references of WO 2009129451A2

Designated contracting state (EPC)

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 TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

WO 2009129451 A2 20091022; WO 2009129451 A3 20101021; CA 2720988 A1 20091022; EP 2265798 A2 20101229;
US 2009260809 A1 20091022

DOCDB simple family (application)

US 2009040936 W 20090417; CA 2720988 A 20090417; EP 09732093 A 20090417; US 42524809 A 20090416