

Title (en)

INDUCTION DEVICE FOR THE HEATING OF AN OIL RESERVOIR, IN PARTICULAR A HEAVY OIL RESERVOIR

Title (de)

INDUKTIONSVORRICHTUNG FÜR DIE ERWÄRMUNG EINES ÖLRESERVOIRS, INSbesondere EINES SCHWERÖLRESERVOIRS

Title (fr)

DISPOSITIF À INDUCTION POUR LE RÉCHAUFFEMENT D'UN RÉSERVOIR D'HUILE, NOTAMMENT D'UN RÉSERVOIR D'HUILE LOURDE

Publication

EP 2898754 B1 20160727 (DE)

Application

EP 13763230 A 20130916

Priority

- EP 12192778 A 20121115
- EP 2013069105 W 20130916
- EP 13763230 A 20130916

Abstract (en)

[origin: EP2734009A1] The induction apparatus (10) has inductor (30) which is arranged within casing pipe (20). An intermediate space (40) is formed between the inductor and casing pipe and is filled with a filling material (60). Several centering elements (50) are arranged in the intermediate space over the axial profile of the induction apparatus. The centering elements contact both with the casing pipe and the inductor. An independent claim is included for method for producing induction apparatus.

IPC 8 full level

H05B 6/36 (2006.01); **E21B 17/10** (2006.01); **E21B 33/14** (2006.01); **E21B 36/04** (2006.01); **E21B 43/24** (2006.01); **H05B 6/54** (2006.01);
H05B 6/62 (2006.01)

CPC (source: EP RU US)

E21B 17/1078 (2013.01 - US); **E21B 33/14** (2013.01 - US); **E21B 36/04** (2013.01 - US); **E21B 43/2401** (2013.01 - EP US);
H05B 6/108 (2013.01 - RU); **H05B 6/36** (2013.01 - US); **H05B 6/54** (2013.01 - EP US); **H05B 6/62** (2013.01 - EP US);
H05B 2214/03 (2013.01 - EP US)

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

DOCDB simple family (publication)

EP 2734009 A1 20140521; AU 2013347132 A1 20150521; AU 2013347132 B2 20170831; BR 112015010638 A2 20170711;
CA 2891430 A1 20140522; EP 2898754 A1 20150729; EP 2898754 B1 20160727; RU 2015122422 A 20170110; RU 2652094 C2 20180425;
US 2015292299 A1 20151015; WO 2014075832 A1 20140522

DOCDB simple family (application)

EP 12192778 A 20121115; AU 2013347132 A 20130916; BR 112015010638 A 20130916; CA 2891430 A 20130916; EP 13763230 A 20130916;
EP 2013069105 W 20130916; RU 2015122422 A 20130916; US 201314441397 A 20130916