

Title (en)

DRIVING DEVICE WITH HEATED PNEUMATIC RESERVOIR

Title (de)

EINTREIBVORRICHTUNG MIT BEHEIZTEM PNEUMATISCHEM SPEICHER

Title (fr)

DISPOSITIF DE FIXATION AVEC ACCUMULATEUR PNEUMATIQUE CHAUFFÉ

Publication

**EP 3046732 B1 20180328 (DE)**

Application

**EP 14761324 A 20140903**

Priority

- EP 13185169 A 20130919
- EP 2014068703 W 20140903
- EP 14761324 A 20140903

Abstract (en)

[origin: WO2015039866A1] Driving-in apparatus comprising a hand-held housing (1) with an energy transmission element (2), accommodated therein, for transmitting energy to a fastening element to be driven in, and a drive device (3) for propelling the energy transmission element (2), wherein the drive device (3) comprises an energy accumulator having a gas chamber which is fillable with a driving gas at a defined overpressure, wherein the overpressure is present in the gas chamber (7) as stored driving energy prior to initiation of a driving-in operation, and wherein a piston (2b) of the energy transmission element (2) forms a variable wall section of the gas chamber (7). By way of a heating member (8), thermal energy is transferable into the driving gas enclosed in the gas chamber (7).

IPC 8 full level

**B25C 1/04** (2006.01)

CPC (source: EP US)

**B25C 1/04** (2013.01 - US); **B25C 1/047** (2013.01 - EP US); **B25C 1/08** (2013.01 - 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 2851158 A1 20150325**; EP 3046732 A1 20160727; EP 3046732 B1 20180328; US 10201892 B2 20190212; US 2016214249 A1 20160728; WO 2015039866 A1 20150326

DOCDB simple family (application)

**EP 13185169 A 20130919**; EP 14761324 A 20140903; EP 2014068703 W 20140903; US 201414917676 A 20140903