

Title (en)
DRIVING DEVICE POWERED BY COMBUSTION GAS WITH VALVE MEMBER

Title (de)
BRENNGASBETRIEBENES EINTREIBGERÄT MIT VENTILGLIED

Title (fr)
APPAREIL D'ENFONCEMENT ENTRAÎNÉ PAR COMBUSTIBLE DOTÉ D'UNE ARTICULATION DE SOUPAPE

Publication
EP 3349944 A1 20180725 (DE)

Application
EP 16760514 A 20160906

Priority
• EP 15185077 A 20150914
• EP 2016070923 W 20160906

Abstract (en)
[origin: WO2017045967A1] The invention relates to a driving-in tool, comprising a driving-in piston (4), guided in a cylinder (3), for driving a nail element into a workpiece, and a combustion chamber (2) which is arranged at the driving-in piston (4) and can be filled with an ignitable fuel-gas mixture. A positive pressure of the fuel-gas mixture in the combustion chamber can be produced by a movement of the driving-in piston (4). At least one of the two, the combustion chamber (2) or the cylinder (3), is connected to an external space via a valve member (15), the positive pressure of the fuel-gas mixture produced by the driving-in piston being selectively adjustable by means of the valve member (15).

IPC 8 full level
B25C 1/08 (2006.01)

CPC (source: EP US)
B25C 1/008 (2013.01 - US); **B25C 1/046** (2013.01 - US); **B25C 1/047** (2013.01 - US); **B25C 1/08** (2013.01 - EP US); **B25C 1/085** (2013.01 - US); **B25D 2250/121** (2013.01 - US)

Citation (search report)
See references of WO 2017045967A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3141347 A1 20170315; EP 3349944 A1 20180725; EP 3349944 B1 20200219; US 2018236646 A1 20180823; WO 2017045967 A1 20170323

DOCDB simple family (application)
EP 15185077 A 20150914; EP 16760514 A 20160906; EP 2016070923 W 20160906; US 201615753011 A 20160906