

Title (en)

COMBUSTION-DRIVEN SETTING TOOL AND METHOD FOR OPERATING SUCH A SETTING TOOL

Title (de)

BRENNKRAFTBETRIEBENES SETZGERÄT UND VERFAHREN ZUM BETREIBEN EINES DERARTIGEN SETZGERÄTS

Title (fr)

OUTIL DE SCELLEMENT A MOTEUR THERMIQUE ET PROCEDE DE FONCTIONNEMENT D'UN OUTIL DE SCELLEMENT

Publication

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Application

EP 16812759 A 20161220

Priority

- EP 15201888 A 20151222
- EP 2016081852 W 20161220

Abstract (en)

[origin: WO2017108745A1] The invention relates to a combustion-powered placing tool (1) for driving fastening elements into a subsurface, comprising at least one main combustion chamber (6) for a compressible fuel, a driving piston (10), which in a starting position is completely retracted, and which can be driven from the main combustion chamber (6) in the placing direction (15) via expandable gases, a prechamber (25), to which an ignition device (26) is assigned, and in which a pressure acting upon the main combustion chamber (6) can be build up prior to the ignition of a fuel-air mixture in the main combustion chamber (6), wherein an additional ignition device (76) is assigned to the main combustion chamber (6). In order to improve the effectiveness and/or the functionality during the driving-in of fastening means, the placing tool (1) comprises a selector device (81), by way of which a selection between a reduced energy operation having an ignition in the main combustion chamber (6) and a high-energy operation having an ignition in the prechamber (25) can be made.

IPC 8 full level

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CPC (source: EP US)

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