

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

EP 3393718 B1 20211020 (DE)

Application

EP 16826716 A 20161220

Priority

- EP 15201871 A 20151222
- EP 2016081860 W 20161220

Abstract (en)

[origin: WO2017108751A1] The invention relates to a fuel-powered setting device (1) for driving securing elements into a substrate, comprising at least one main combustion chamber (6) for a fuel, a drive piston (10) that can be driven out of the main combustion chamber (6) in a setting direction (15) by means of expandable gases, and a prechamber (25) with which an ignition device (26) is associated and in which a pressure acting on the main combustion chamber (6) can build up prior to a fuel-air mixture being ignited in said main combustion chamber (6). To improve efficiency and/or functionality when driving in securing elements, the setting device (1) can be operated in different energy classes by means of an energy adjustment.

IPC 8 full level

B25C 1/08 (2006.01)

CPC (source: EP US)

B25C 1/08 (2013.01 - EP US)

Citation (examination)

- EP 2826601 A1 20150121 - HILTI AG [LI]
- US 2004144357 A1 20040729 - ADAMS JOSEPH S [CA]

Designated contracting state (EPC)

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DOCDB simple family (publication)

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