

Title (en)
FUEL-OPERATED FIRING DEVICE AND METHOD FOR OPERATING A FIRING DEVICE OF THIS TYPE

Title (de)
BRENNKRAFTBETRIEBENES SETZGERÄT UND VERFAHREN ZUM BETREIBEN EINES DERARTIGEN SETZGERÄTS

Title (fr)
OUTIL DE POSE ACTIONNÉ PAR LA PRESSION D'UNE COMBUSTION ET PROCÉDÉ POUR FAIRE FONCTIONNER UN OUTIL DE POSE DE CE TYPE

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Application
EP 16822977 A 20161220

Priority
• EP 15201899 A 20151222
• EP 2016081917 W 20161220

Abstract (en)
[origin: WO2017108787A1] The invention relates to a fuel-operated firing device (1) for driving securing elements into a substrate, comprising at least one main combustion chamber (6) for a fuel, a driving piston (10) that can be driven out of the main combustion chamber (6) in a firing direction (15) by means of expandable gases, and a pre-chamber (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). In order to improve the efficacy and/or functionality during the driving in of securing elements, a detection system (180) is associated with the driving piston (10), said detection system being connected to an electronic feedback control (184) device for control purposes, in order to detect an initial position of the driving piston (10) prior to a firing operation.

IPC 8 full level
B25C 1/08 (2006.01)

CPC (source: EP US)
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Citation (search report)
See references of WO 2017108787A1

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