

Title (en)
Combustion type fastener driving device

Title (de)
Brennkraftbetriebenes Setzgerät

Title (fr)
Outil d'entraînement à combustion de gaz

Publication
EP 2085189 B1 20110608 (DE)

Application
EP 09100019 A 20090107

Priority
DE 102008000167 A 20080129

Abstract (en)
[origin: EP2085189A2] The setting tool (10) has a setting piston (14) movably guided in a guide cylinder (13). A fuel inlet (23) opens into a combustion chamber (15) for feeding fuel into the chamber, which defines a combustion chamber axis (A). An ignition element (26) e.g. ignition plug, is provided for igniting the fuel in the chamber. A ventilator (16) is driven by a motor (17) and is supported on a rear wall (30) of the chamber at an end (32) of the chamber remote from the cylinder. The fuel inlet and the ignition element are arranged at an end (31) of the chamber, where the end is adjacent to the cylinder.

IPC 8 full level
B25C 1/08 (2006.01)

CPC (source: EP US)
B25C 1/08 (2013.01 - EP US)

Designated contracting state (EPC)
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 SE SI SK TR

DOCDB simple family (publication)
EP 2085189 A2 20090805; EP 2085189 A3 20100623; EP 2085189 B1 20110608; AT E511956 T1 20110615; CN 101497187 A 20090805; CN 101497187 B 20121212; DE 102008000167 A1 20090730; ES 2364021 T3 20110823; JP 2009178840 A 20090813; JP 5466856 B2 20140409; PL 2085189 T3 20111130; US 2009188962 A1 20090730; US 9676089 B2 20170613

DOCDB simple family (application)
EP 09100019 A 20090107; AT 09100019 T 20090107; CN 200910009718 A 20090123; DE 102008000167 A 20080129; ES 09100019 T 20090107; JP 2009014424 A 20090126; PL 09100019 T 20090107; US 32133909 A 20090115