

Title (en)

Combustion engine with fuel injectors

Title (de)

Brennkraftmaschine mit Kraftstoffinjektoren

Title (fr)

Moteur à combustion interne doté d'injecteurs de carburant

Publication

EP 2053235 B1 20161214 (DE)

Application

EP 08017534 A 20081007

Priority

DE 102007050512 A 20071023

Abstract (en)

[origin: EP2053235A2] The engine has a clamping jaw (30) provided with two arms such that the arms of the clamping jaw act on fuel injectors (24) and press the fuel injectors against a seal seat (32) into a cylinder head (10) with preset force. A M8-threaded bolt (12) is provided to fasten the clamping jaw to the cylinder head. The arms of the clamping jaw and/or the threaded bolt are designed such that the arms and/or the threaded bolt are subjected to plastic deformation by the force for pressing of the fuel injectors against the seat into the cylinder head.

IPC 8 full level

F02M 61/14 (2006.01)

CPC (source: EP)

F02M 61/14 (2013.01); **F02M 2200/803** (2013.01)

Cited by

US10041458B2

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2053235 A2 20090429; EP 2053235 A3 20091104; EP 2053235 B1 20161214; DE 102007050512 A1 20090430

DOCDB simple family (application)

EP 08017534 A 20081007; DE 102007050512 A 20071023