

Title (en)

Injection valve, cylinder head, and cylinder head arrangement for an internal combustion engine

Title (de)

Einspritzventil, Zylinderkopf und Zylinderkopfanordnung für eine Brennkraftmaschine

Title (fr)

Injecteur, culasse et agencement de celle-ci pour un moteur à combustion interne

Publication

EP 1780404 B1 20090415 (EN)

Application

EP 05023667 A 20051028

Priority

EP 05023667 A 20051028

Abstract (en)

[origin: EP1780404A1] An injection valve (6) for an internal combustion engine comprises at least one pin (24) sticking out radially from the outside of the injection valve (6). The pin (24) of the injection valve (6) is formed and arranged in such a way, that in an intended arrangement of the injection valve (6) in a cylinder head (2) of the internal combustion engine the pin (24) of the injection valve (6) works together with a groove (22) for fixing the injection valve (6) into a recess (4) of the cylinder head (2) by a positive-fit.

IPC 8 full level

F02M 61/14 (2006.01)

CPC (source: EP)

F02M 61/14 (2013.01)

Cited by

EP2014909A3

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

EP 1780404 A1 20070502; EP 1780404 B1 20090415; DE 602005013972 D1 20090528

DOCDB simple family (application)

EP 05023667 A 20051028; DE 602005013972 T 20051028