

Title (en)  
Internal combustion engine with a fuel system

Title (de)  
Verbrennungsmotor mit einem Kraftstoffsystem

Title (fr)  
Moteur à combustion interne avec un système de carburant

Publication  
**EP 2602470 B1 20160629 (DE)**

Application  
**EP 12008126 A 20121205**

Priority  
DE 102011120465 A 20111207

Abstract (en)  
[origin: EP2602470A2] The internal combustion engine (12) has a fuel system which has a fuel valve (26) with a housing, in which a fuel chamber is formed, where the fuel system has a fuel pump (34) which conveys the fuel from a fuel tank (32) into the fuel chamber. The fuel system comprises a conveying pump (69) for forcibly feeding the fuel in the fuel system. The conveying pump is arranged in a feed line (50) for the fuel chamber of the fuel valve and feeds the fuel in the fuel chamber. The fuel chamber is connected with a relief duct (58), in which a valve (73) is arranged.

IPC 8 full level  
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CPC (source: EP US)  
**F02B 15/00** (2013.01 - US); **F02M 1/16** (2013.01 - EP US); **F02M 37/0023** (2013.01 - EP US); **F02M 37/0029** (2013.01 - EP US); **F02M 37/007** (2013.01 - EP US); **F02M 37/16** (2013.01 - EP US); **F02M 37/18** (2013.01 - EP US); **F02M 37/20** (2013.01 - EP US); **F02M 69/10** (2013.01 - EP US)

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