

Title (en)  
MOTOR VEHICLE ENGINE COMPRISING A CONTINUOUS DIESEL FUEL COLLECTION SURFACE

Title (de)  
FAHRZEUGMOTOR MIT OBERFLÄCHE ZUR KONTINUIERLICHEN DIESELBRENNSTOFFZUFUHR

Title (fr)  
MOTEUR DE VEHICULE AUTOMOBILE A SURFACE DE RECUEIL DE GASOIL CONTINUE

Publication  
**EP 1819925 A1 20070822 (FR)**

Application  
**EP 05818974 A 20051128**

Priority  
• FR 2005050995 W 20051128  
• FR 0412587 A 20041126

Abstract (en)  
[origin: WO2006056724A1] The invention relates to an internal combustion engine which is intended, for example, for a motor vehicle. The inventive engine comprises a cylinder head (20), injectors (40) and pressurised fuel feed pipes (44). The engine also comprises a sealed chamber (10) which is used to contain fuel leaks and which is defined by an essentially-lower wall (14, 18) and an essentially-upper wall (12), such that the upper ends of the injectors are inside the chamber. In addition, the chamber is equipped with at least one fuel discharge port. The invention is characterised in that the essentially-lower wall (14, 18) is shaped such that the fuel can flow from at least one injector (40) to at least one other injector (40) and in that the drain opening is positioned such as to collect fuel that has flowed through the chamber.

IPC 8 full level  
**F02M 61/14** (2006.01)

CPC (source: EP KR)  
**F02F 1/242** (2013.01 - EP); **F02F 7/006** (2013.01 - EP); **F02M 55/002** (2013.01 - EP); **F02M 61/14** (2013.01 - KR); **F02M 61/16** (2013.01 - KR)

Citation (search report)  
See references of WO 2006056724A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2006056724 A1 20060601**; EP 1819925 A1 20070822; FR 2878577 A1 20060602; FR 2878577 B1 20090424; JP 2008522073 A 20080626; KR 20070086114 A 20070827

DOCDB simple family (application)  
**FR 2005050995 W 20051128**; EP 05818974 A 20051128; FR 0412587 A 20041126; JP 2007542073 A 20051128; KR 20077013284 A 20070613