

Title (en)
ENGINE BLOCK AND CYLINDER HEAD ASSEMBLY FOR A VARIABLE COMPRESSION RATIO ENGINE

Title (de)
MOTORBLOCK UND ZYLINDERKOPFANORDNUNG FÜR EINEN MOTOR MIT VARIABLER VERDICHTUNG

Title (fr)
ENSEMBLE CULASSE ET BLOC MOTEUR POUR MOTEUR A RAPPORT VOLUMETRIQUE VARIABLE

Publication
EP 1979592 B1 20100728 (FR)

Application
EP 07730868 A 20070126

Priority
• FR 2007000150 W 20070126
• FR 0600707 A 20060126
• US 76289606 P 20060130

Abstract (en)
[origin: FR2896544A1] The assembly has a common cylinder head (300) cooperating with a cylinder housing (100) to close an end of an engine cylinder at the level of a combustion chamber and an end of a cylinder at a level of an upper chamber of an actuating cylinder (8). The cylinder housing contains an assembly of components of a movable coupling system in a variable compression ratio engine. The cylinder head has a joint plane (301) which cooperates with the joint plane (190) comprising the cylinder housing.

IPC 8 full level
F02B 75/04 (2006.01)

CPC (source: EP KR US)
F01L 1/04 (2013.01 - KR); **F02B 75/04** (2013.01 - KR); **F02B 75/041** (2013.01 - EP US); **F02B 75/047** (2013.01 - EP US);
F02B 75/048 (2013.01 - EP US); **F02F 1/24** (2013.01 - EP KR US); **F02F 11/00** (2013.01 - KR)

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)
FR 2896544 A1 20070727; FR 2896544 B1 20080502; AT E475797 T1 20100815; AU 2007209225 A1 20070802; AU 2007209225 B2 20110721;
CA 2631673 A1 20070802; CA 2631673 C 20140617; CN 101375039 A 20090225; CN 101375039 B 20120613; DE 602007008060 D1 20100909;
EP 1979592 A1 20081015; EP 1979592 B1 20100728; ES 2348753 T3 20101213; JP 2009524768 A 20090702; JP 5219840 B2 20130626;
KR 101309486 B1 20130924; KR 20080090467 A 20081008; US 2010154748 A1 20100624; WO 2007085740 A1 20070802

DOCDB simple family (application)
FR 0600707 A 20060126; AT 07730868 T 20070126; AU 2007209225 A 20070126; CA 2631673 A 20070126; CN 200780003682 A 20070126;
DE 602007008060 T 20070126; EP 07730868 A 20070126; ES 07730868 T 20070126; FR 2007000150 W 20070126;
JP 2008551829 A 20070126; KR 20087018324 A 20070126; US 16043007 A 20070126