

Title (en)  
Cylinder head cover

Title (de)  
Zylinderkopfhaube

Title (fr)  
Couver culasse

Publication  
**EP 1559876 A3 20091202 (DE)**

Application  
**EP 05100459 A 20050125**

Priority  
DE 102004004753 A 20040130

Abstract (en)  
[origin: EP1559876A2] The cylinder head cover is formed from a lower shell (11) and an upper shell (12) joined at a sealing interface (14). The functional elements are in the form of two segments, one integrated into the lower bowl, and the other into the upper bowl. Essential functional parts of the oil separator are fitted to the upper and lower shells. These include the vessel (16) and immersion tube (15) of a cyclone.

IPC 8 full level  
**F01M 13/04** (2006.01); **F02F 7/00** (2006.01)

CPC (source: EP US)  
**F01M 13/04** (2013.01 - EP US); **F01M 13/0416** (2013.01 - EP US); **F01M 2013/0427** (2013.01 - EP US)

Citation (search report)  
• [X] DE 10235983 A1 20030306 - HONDA MOTOR CO LTD [JP]  
• [X] JP 2002235520 A 20020823 - YANMAR DIESEL ENGINE CO  
• [AD] DE 10127819 A1 20030102 - BOSCH GMBH ROBERT [DE]  
• [A] EP 1233155 A1 20020821 - HONDA MOTOR CO LTD [JP]

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DE102017201896A1; EP2226477A1; DE102005063274B4; DE102005063274B9; EP2818653A1; EP1961928A3; DE202005013112U1; CN104364479A; US8215271B2; US10247068B2; US9797308B2; US7740677B2; US9416695B2; WO2013186337A1; DE102011106593A1; DE102011106593B4; DE102017201896B4

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 MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR LV MK YU

DOCDB simple family (publication)  
**EP 1559876 A2 20050803; EP 1559876 A3 20091202; EP 1559876 B1 20110518**; AT E510112 T1 20110615; DE 102004004753 A1 20050818; JP 2005233182 A 20050902; JP 4624119 B2 20110202; US 2005188937 A1 20050901; US 7137372 B2 20061121

DOCDB simple family (application)  
**EP 05100459 A 20050125**; AT 05100459 T 20050125; DE 102004004753 A 20040130; JP 2005019115 A 20050127; US 4507605 A 20050131