

Title (en)
Ventilation system and method for supercharged engine

Title (de)
Belüftungssystem und -verfahren für Kompressormotor

Title (fr)
Système de ventilation et procédé pour un moteur suralimenté

Publication
EP 2397662 A3 20130828 (EN)

Application
EP 11169809 A 20110614

Priority
• JP 2010285450 A 20101222
• JP 2010137849 A 20100617

Abstract (en)
[origin: EP2397662A2] In ventilation system and method for a supercharge engine, in a middle load driving region of the engine in which the boost pressure of position of an intake air passage located at the downstream side with respect to a throttle valve is positive and is lower than a set pressure (P1), with importance placed on the ventilation of a crank chamber, a relatively large quantity of fresh air is introduced into the crank chamber and, on the other hand, in a high load driving region in which the boost pressure is equal to or higher than the set pressure (P1), with importance placed on the engine output, the large quantity of fresh air is supplied to the engine so that, while the deterioration of engine oil within the crank chamber suppressed, the output reduction of the engine in the high load driving region can be suppressed.

IPC 8 full level
F01M 13/00 (2006.01)

CPC (source: EP US)
F01M 13/00 (2013.01 - EP US); **F01M 2013/0044** (2013.01 - EP US); **F01M 2013/027** (2013.01 - EP US)

Citation (search report)
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• [A] WO 2008041113 A2 20080410 - TOYOTA MOTOR CO LTD [JP], et al
• [A] US 2009301446 A1 20091210 - ASANUMA HIROSHI [JP], et al
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CN103362597A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
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DOCDB simple family (application)
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