

Title (en)
Cylinder head for an internal combustion engine with cast breather channel

Title (de)
Zylinderkopf für eine Brennkraftmaschine mit einem Ventilierungskanal

Title (fr)
Culasse de moteur thermique comportant un canal d'acheminement moulé

Publication
EP 1227237 B1 20071107 (FR)

Application
EP 02290066 A 20020111

Priority
FR 0100984 A 20010125

Abstract (en)
[origin: EP1227237A1] The cylinder head (10) has an under-surface (12) designed to fit on the engine cylinder block and an upper part (14) designed to be fitted with a cover and a made with a surface (22) to receive a crankcase gas decantation element. The head has an inner channel (32) that is made during casting and shaped to carry crankcase gases from an intake (34) in its under-surface to an outlet (36) aligned with the inlet port of the gas decantation element. The channel (32) is located against one side of the cylinder head to form a stiffening compartment.

IPC 8 full level
F02F 1/38 (2006.01); **F02F 7/00** (2006.01); **F01M 13/04** (2006.01)

CPC (source: EP)
F02F 1/38 (2013.01); **F02F 7/006** (2013.01); **F01M 13/0416** (2013.01)

Citation (examination)
US 4243270 A 19810106 - FENTON AARON J, et al

Cited by
EP1528244A1; FR2861430A1; US7814879B2; US7143754B2; WO2005024192A1

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