

Title (en)  
Internal Combustion Engine Blow-By Gas Ventilation System

Title (de)  
Entlüftungsvorrichtung für eine Brennkraftmaschine

Title (fr)  
Dispositif d'aération pour un carter de moteur à combustion interne

Publication  
**EP 1785601 B1 20121024 (EN)**

Application  
**EP 06124079 A 20061114**

Priority  
• EP 05110707 A 20051114  
• EP 06124079 A 20061114

Abstract (en)  
[origin: EP1785601A1] An internal combustion engine has an engine casing. A shaft, having a shaft axis, is disposed in the engine casing. At least one bearing supports the shaft in the engine casing. A separator wheel is disposed on the shaft for rotation therewith. The separator wheel has a first opening in fluid communication with the crankcase, a second opening, and a channel extending radially from the second opening to the first opening relative to the shaft axis. A suction tube is permanently affixed to a portion of the engine casing. An end of the suction tube has a unitary abutment surface. A gasket is disposed between the unitary abutment surface and the second opening of separator wheel. The gasket is also disposed at least in part on a separating plane of the engine casing.

IPC 8 full level  
**F01M 13/04** (2006.01)

CPC (source: EP)  
**F01M 13/04** (2013.01); **F02F 7/006** (2013.01); **F01M 2013/0422** (2013.01); **F02B 61/02** (2013.01)

Cited by  
CN107084017A; CN102444446A; CN115288875A; EP3929412A1; FR3111943A1

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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

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