

Title (en)

DE-AERATION DEVICE WITH INTEGRATED OIL SEPARATOR

Publication

EP 0287756 B1 19920729 (DE)

Application

EP 88101459 A 19880202

Priority

DE 3713210 A 19870418

Abstract (en)

[origin: US4844032A] A venting arrangement with integrated oil separator is arranged at a crankcase of an internal combustion engine with preferably V-shaped cylinder rows and includes a housing with the oil separator. The housing is formed for reasons of structural simplification by an upper part and by a lower part which have both pot-shaped configuration and upright, mutually overlapping boundary walls and form a unit. The boundary walls of the upper part are supported at the crankcase by means of flanges which assures a simple installation of the venting arrangement.

IPC 1-7

F01M 13/04; **F02B 75/22**

IPC 8 full level

F01M 13/04 (2006.01); **F02B 75/22** (2006.01)

CPC (source: EP US)

F01M 13/04 (2013.01 - EP US); **F01M 13/0416** (2013.01 - EP US); **F02B 75/22** (2013.01 - EP US)

Cited by

DE112006003475B4; EP0926319A1; FR2774129A1; DE102006021605B4; CN109854339A; GB2260365A; CN110748396A; EP2868879A1; FR2754466A1; EP2927442A1; US7588020B2; US8061336B2; US10968796B2; WO2007015106A1; US9546579B2; WO2007074384A3; WO2007014552A3

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