

Title (en)

INTAKE DEVICE AND OIL SEPARATOR FOR AN INTERNAL COMBUSTION ENGINE AND ENGINE PROVIDED WITH THIS DEVICE

Publication

EP 0448431 B1 19930707 (FR)

Application

EP 91400561 A 19910228

Priority

FR 9003680 A 19900322

Abstract (en)

[origin: EP0448431A1] This device essentially comprises a cylinder head (1) surmounting several cylinders to which are respectively connected several gas-inlet pipes (2) which form, together with a manifold (3) for distributing these gases, a rigid and single part (4) constituting a cylinder head cover and resting on a partition (5) integral with the cylinder head (1) and forming, on the partition side, a hollow space (8) connected to the casing of the motor via channels (11), this rigid part (4) comprising, on the other side of the partition, a chamber (9) for separating the oil from the gases which is connected, on the one hand, to the manifold (3) via openings (12, 13) and, on the other hand, to the hollow space (8) via passages (14, 15) traversing the partition (5). This device is applicable to internal-combustion engines for any type of vehicle. <IMAGE>

IPC 1-7

F01M 13/00; **F02F 1/24**; **F02F 7/00**; **F02M 35/10**

IPC 8 full level

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CPC (source: EP)

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Cited by

DE4433285A1; FR2774129A1; US5664549A; EP2128418A4; EP0931926A1; FR2774130A1; EP0780566A1; US5690068A; EP0591737A1; EP0516879A1; US5235938A; JP2019199809A; US9556835B2; EP0918143A1; GB2312019A; GB2312019B; EP3569832A1; WO9641944A3; WO2013056763A1; WO9623132A1; US10982576B2; EP2310641A1; EP0602398B1; EP0463267B1

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