

Title (en)
Oil mist separator

Title (de)
Ölnebelabscheider

Title (fr)
Séparateur de bruite d'huile

Publication
EP 1870571 A2 20071226 (EN)

Application
EP 07012065 A 20070620

Priority
JP 2006173385 A 20060623

Abstract (en)
An oil mist separator formed inside a cylinder head cover of an engine. The oil mist separator includes a passage wall defining a blow-by gas passage, the passage wall including a passage bottom wall. An impact wall is disposed in the blow-by gas passage. A partition wall is disposed in the blow-by gas passage on an upstream side of the impact wall with respect to flow of blow-by gas to divide the blow-by gas passage, the partition wall being formed with a slit which extends to the passage bottom wall. First and second screening plates are disposed respectively on upstream and downstream sides of the partition wall so as to screen a lower part of the slit from flowing of blow-by gas, an upper part of the slit serving as a restriction passage through which blow-by gas passes to impact against the impact wall.

IPC 8 full level
F01M 13/04 (2006.01)

CPC (source: EP)
F01M 13/0416 (2013.01); **F01M 2013/0433** (2013.01)

Cited by
US2016333753A1; US10145278B2; EP3205851A4; US10156169B2; DE102016106925B4

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