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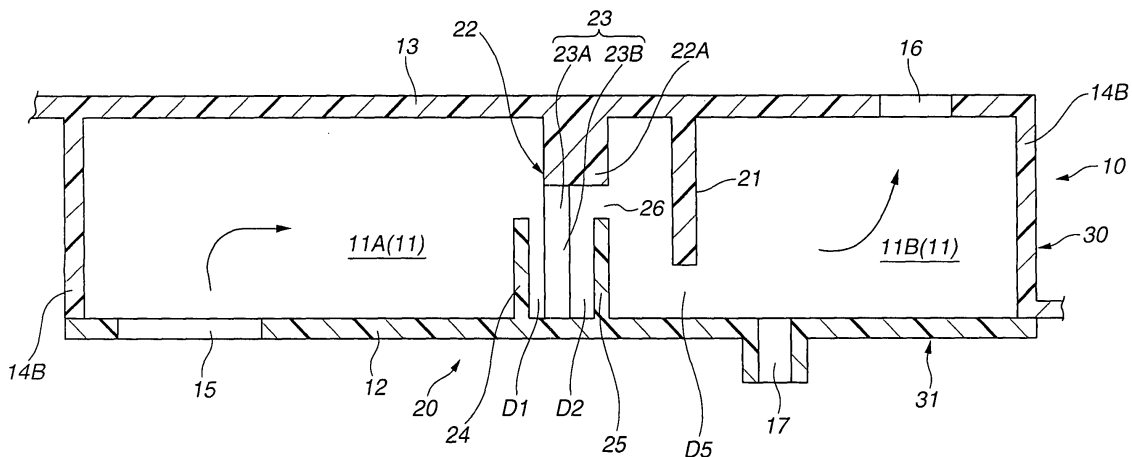
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(54) **Oil mist separator**

(57) 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.

FIG.1



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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
			F01M
Place of search		Date of completion of the search	Examiner
Munich		3 March 2008	Vedoato, Luca
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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