(19) Europäisches Patentamt
European Patent Office
Office européen des brevets

(11) EP 1 154 145 A3

(12) EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
26.02.2003 Bulletin 2003/09

(43) Date of publication A2:
14.11.2001 Bulletin 2001/46

(21) Application number: **01304197.5**

(22) Date of filing: **10.05.2001**

(51) Int Cl.[7]: **F02M 25/08**

(84) Designated Contracting States:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR
Designated Extension States:
AL LT LV MK RO SI

(30) Priority: **11.05.2000 JP 2000137911**
12.05.2000 JP 2000180576

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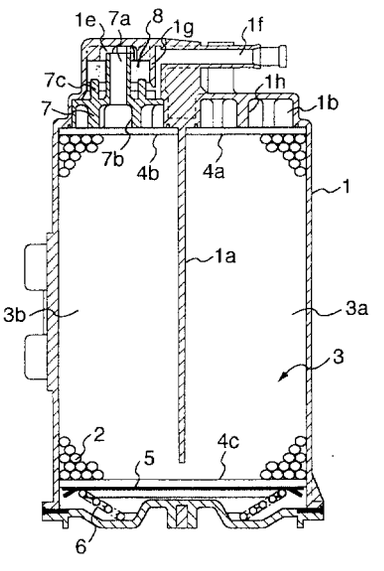
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(54) Canister

(57) In order to provide a filter structure for a canister in which dust or the like in air is prevented from sticking to the filter and being distributed over the entire surface thereof, and accordingly, the filter can hardly clogging so as to prevent lowering of the purge volume of a canister due to an increase in ventilation resistance, the dust filter 8 is formed in a crescent-like shape, having, at a substantially center thereof, a pipe hole 8a fitted on a pipe extended to a filter chamber le, the filter chamber le accommodating the dust filter 8 is formed in a crescent-like shape substantially identical with that of the dust filter 8 and the atmospheric port 1f is communicated with the bottom side of the dust filter 8, and accordingly, the atmospheric air flows by a large volume around the pipe 7a so that the dust or the like is likely to be accumulated around the pipe 7a, but the opposite ends becoming narrow outward so that the flow rate of the atmospheric air is become less. As a result, the dust or the like can hardly be accumulated so as to prevent the ventilation resistance of the dust filter 8 from increasing, thereby preventing leakage of evaporation fuel into the atmosphere.

Further, in a canister, in order to aim at restraining the ventilation resistance of the filter from being increased by dust sucked with air through the atmospheric port, and at enhancing the mounting ability of the filter for restraining suction of the dust, the atmospheric port 33 is formed in the upper portion of a canister casing 31, dust sucked through the atmospheric port 33 being caused to stick to the lower surface of a dust preventing filter 34 while the sticking dust is allowed to be dropped by vibration. Further, the dust preventing filter 34 is held by a filter holding member 35, and is then fitted in a filter mounting chamber 39 defined in the canister casing 31. Thereafter, an adsorbent side filter 36 is secured. A temporary holding device A for temporarily holding the filter holding member is provided in the filter holding member 35 and the filter mounting chamber 39.

FIG. 1B



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EUROPEAN SEARCH REPORT

Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT

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The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
MUNICH	9 December 2002	Marsano, F

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X : particularly relevant if taken alone
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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):

☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

☒ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

☐ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

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EUROPEAN SEARCH REPORT

Application Number
EP 01 30 4197

DOCUMENTS CONSIDERED TO BE RELEVANT

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The present search report has been drawn up for all claims

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MUNICH	9 December 2002	Marsano, F

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LACK OF UNITY OF INVENTION
SHEET B

Application Number
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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. Claim : 1

A canister with a first adsorbent chamber and a second adsorbent chamber which are communicated in series with each other, a tank port and a purge port opened to an upper space in the first adsorbent chamber, an atmospheric port opened to an upper space in the second adsorbent chamber, and a dust filter located between the atmospheric port and the second adsorbent chamber, characterised in that the dust filter is formed in a crescent-like shape.

2. Claims: 2-4

A canister comprising a canister casing having at an upper portion therein an atmospheric port and defining therein with an adsorbent filled chamber, a filter mounting chamber communicating the adsorbent chamber defined in the canister casing with the atmospheric port, and a filter holding member formed therein, for holding a dust preventing filter, with a adsorbent side filter is arranged and secured on the bottom side of the fitted filter holding member, characterised by temporary holding means for temporarily holding the filter holding member in a mounted condition.

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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
MUNICH	9 December 2002	Marsano, F

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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO. EP 01 30 4197

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