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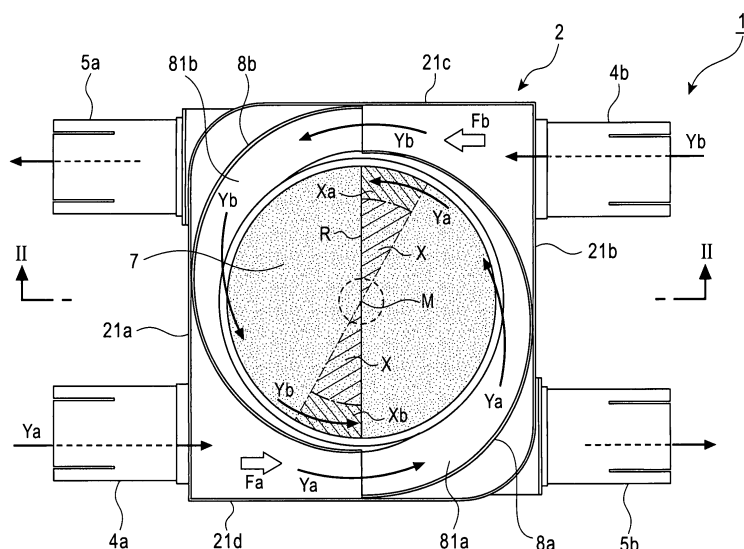
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(54) **Dust collector and travelling cleaner**

(57) In a conventional dust collector, an air current flowing into the dust collector is diverged before reaching a filter surface. The air current then passes almost uniformly through the entire filter surface. Impurities thus accumulate almost uniformly all over the filter surface. This rapidly reduces the effective opening area of the

filter to prematurely degrade a dust collecting capability. An object of the present invention is to avoid this problem using a simple configuration. The present invention appropriately configures the shapes and arrangements of guide walls 8a, 8b that guides an air current and of a filter 7 inside a dust collector 1 to reduce the rate of a decrease in the effective opening area of the filter 7 (Fig.1).

FIG. 1





European Patent  
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# EUROPEAN SEARCH REPORT

Application Number  
EP 06 00 1871

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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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			TECHNICAL FIELDS SEARCHED (IPC)
			D01H
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 19 December 2007	Examiner Henningsen, Ole
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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 &amp; : member of the same patent family, corresponding document</p>			

2  
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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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