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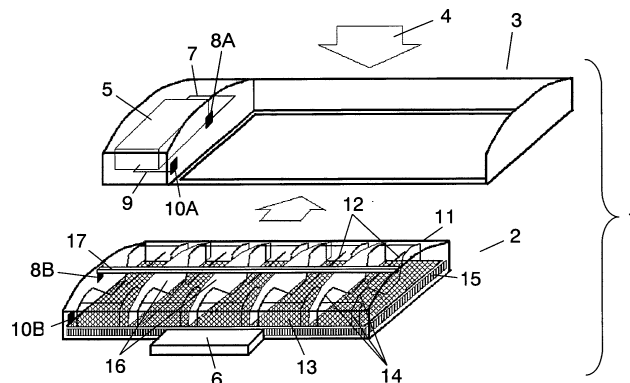
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(54) **Electric dust collector and blower using the same**

(57) An electric dust collector of a high dust collection rate is disclosed. A charging section of the electric dust collector includes a first grounding electrode brought into contact with a dust filter, and second grounding electrodes surrounding needle-like discharge electrodes and electrically connected to the first

grounding electrode. This structure generates corona discharge between the discharge electrodes and the first grounding electrode as well as between the discharge electrodes and the second grounding electrodes. Thus a discharging area is expanded, and charged dust particles can be collected with a high degree of efficiency.

FIG. 1





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Place of search The Hague		Date of completion of the search 27 September 2005	Examiner Demol, S
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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		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	

**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 02 01 5541

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