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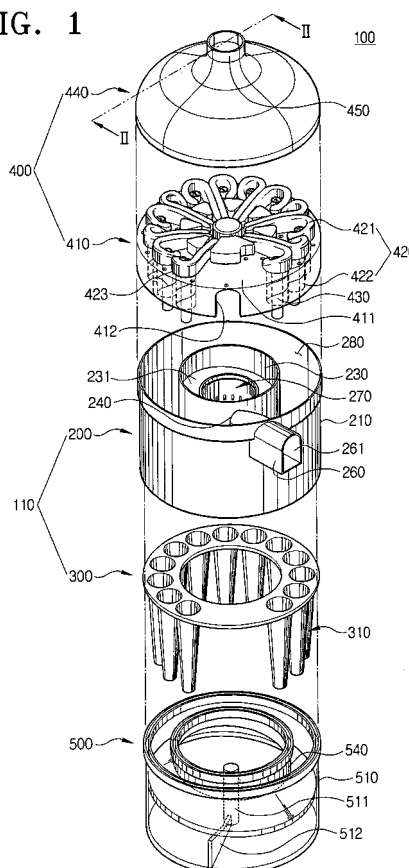
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(54) **Mutli cyclone dust separating apparatus**

(57) A multi cyclone dust separating apparatus (110) including a first cyclone (200) and a second cyclone (300) having a plurality of cyclones (310) formed on an outer side of the first cyclone (200). The first cyclone (200) includes a first cyclone chamber centrifugally separating dust from air, a chamber outer wall, a first inlet (240) and a first outlet (250) forming the first cyclone chamber. The second cyclone unit (300) includes a plurality of cyclones (310) arranged along an outer circumference of the first chamber outer wall (230), and having a second cyclone chamber (320) centrifugally separating minute dusts from air drawn in from the first cyclone unit (200), a second chamber outer wall (330) forming the second cyclone chamber, second inlet (340), and a second outlet. The second inlet (340) of each second cyclone (310) of the second cyclone unit (300) is lower than the first inlet (240) of the first cyclone unit (200) and freely settable.

**FIG. 1**





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# EUROPEAN SEARCH REPORT

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| The present search report has been drawn up for all claims   |  |  |   |
| Place of search<br>Munich  |  | Date of completion of the search<br>5 June 2007  | Examiner<br>MARTIN GONZALEZ, G          |
| CATEGORY OF CITED DOCUMENTS<br>X : particularly relevant if taken alone<br>Y : particularly relevant if combined with another document of the same category<br>A : technological background<br>O : non-written disclosure<br>P : intermediate document |  | T : theory or principle underlying the invention<br>E : earlier patent document, but published on, or after the filing date<br>D : document cited in the application<br>L : document cited for other reasons<br>& : member of the same patent family, corresponding document |   |

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