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(54) **Intake nozzle and vacuum cleaner having the same**

(57) An intake nozzle (100) and vacuum cleaner having the same are disclosed, by which a rotational speed of an agitator is variable. The present invention includes a nozzle case (110), a first air intake port (120) provided to a bottom of the nozzle case to suck an air containing

dust by an air intake force generated from driving an air intake device, an agitator (130) rotatably provided to the first air intake port (120) to agitate the dust on a floor, and a speed adjusting device varying a rotational speed of the agitator (130).

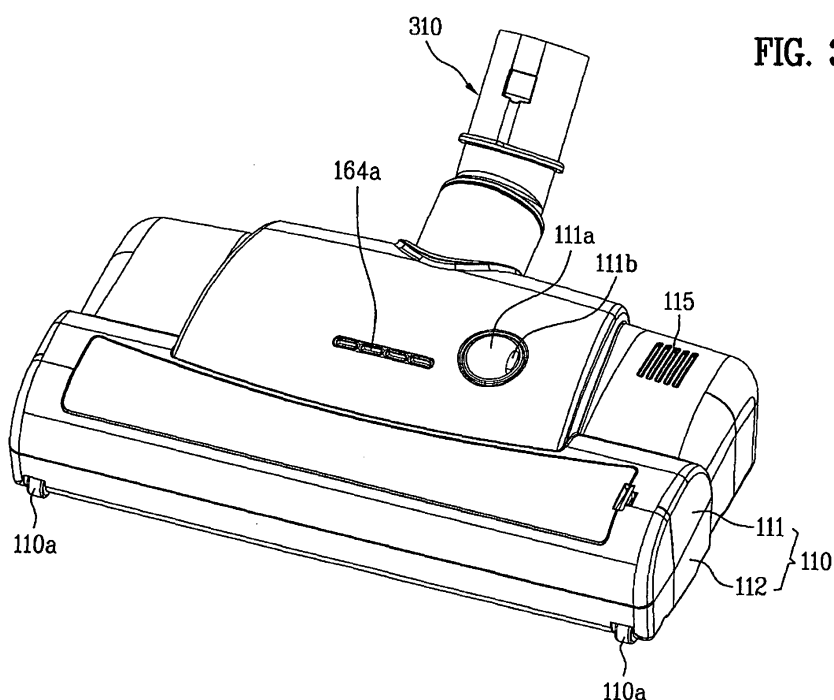


FIG. 3



European Patent
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EUROPEAN SEARCH REPORT

Application Number
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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			
Place of search The Hague		Date of completion of the search 3 March 2006	Examiner CONTRERAS APARICIO
CATEGORY OF CITED DOCUMENTS 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			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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