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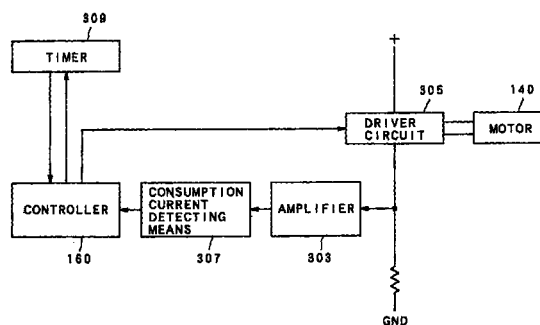
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(54) **In-ceiling type air conditioner having controller for upward and downward motion of elevating panel**

(57) An in-ceiling type air conditioner (50) including an unit body (2) which contains a heat exchanger (16) and an air blower (10) and is mounted in the ceiling (1), a decorative panel (7) provided on the ceiling face, an elevating panel with an air filter (24) which is upwardly and downwardly moved by an elevating motor (140), a driver circuit for supplying an operating current to the elevating motor to rotate the elevating motor (140) forwardly and backwardly, a controller (160) for outputting a control signal to the driver circuit and controlling the driver circuit (305) on the basis of the control signal, a consumption current detector for detecting the consumption current (307) of the elevating motor (140) at all times to output a detection result to the controller (160), and a timer (309) for counting a predetermined time and outputting the count result to the controller (160). When the consumption current detected by the consumption current detector exceeds a predetermined value during the upward or downward motion of the elevating panel, the controller outputs an operation stop instruction to the driver circuit to stop the rotation of the elevating motor (140) and thus stop the elevating panel.

FIG. 5





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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 (Int.Cl.6)
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			F24F
The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	13 February 2001	Gonzalez-Granda, C	
CATEGORY OF CITED DOCUMENTS		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	
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		----- & : member of the same patent family, corresponding document	

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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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