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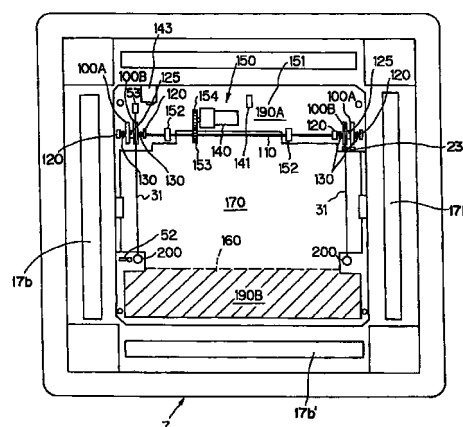
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(54) **Elevation controller for air suction grille**

(57) An in-ceiling mount type air conditioner (50) including an operation switch (51) for switching a power supply status of a power source to an elevating motor (140) for elevating an air suction grille (9), upper-limit position detectors (52,53) for detecting the upper-limit and lower-limit positions of the air suction grille (9) respectively, a forced stop detector for detecting the forced stop of the air suction grille, a timer (143) for counting a predetermined time from the actuation of the upper-limit position detector (52), and a controller for stopping the elevating motor (140) when the timer (143) counts the predetermined time after the air suction grille (9) reaches the upper-limit position and keeping the air suction grille (9) to stop when the forced stop of the air suction grille is detected by the forced stop detector.

**FIG. 3**



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# EUROPEAN SEARCH REPORT

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EP 96 11 6274

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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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The present search report has been drawn up for all claims			
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>4 February 2000</b>	Examiner <b>Gonzalez-Granda, C</b>
<p><b>CATEGORY OF CITED DOCUMENTS</b></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</p> <p>&amp; : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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