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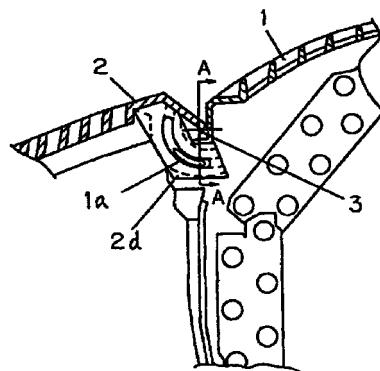
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### (54) Indoor unit of an air conditioner

(57) An indoor unit of an air conditioner having a front frame 1 composing an outer cover, and an intake grille 2, attachable to the front frame, also composing the outer cover and being free for opening and closing. The front frame 1 is provided with a fixed arc rib 1a and 1b which is concentric with an imaginary center 3 of open/close rotating movement of the intake grille 2. The intake grille 2 is provided with rotary arc ribs 2a and 2b or a projection 2d, having a groove 2c, which is/are also concentric with the imaginary center 3, and engage(s) with the fixed rib 1a and 1b over the range of the open/close rotating movement. The present invention thus simplifies mold structure, improves strength and accuracy, and reduces restrictions in design to provide better quality and more inexpensive indoor unit.

Fig 1





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## EUROPEAN SEARCH REPORT

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| X   | PATENT ABSTRACTS OF JAPAN<br>vol. 1996, no. 02,<br>29 February 1996 (1996-02-29)<br>-& JP 07 260193 A (DAIKIN IND LTD),<br>13 October 1995 (1995-10-13)<br>* abstract *<br>* figures 1-8 of JP 07 260193 A *               | 1,5               | F24F1/02<br>F24F1/00                         |
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|   | -----  |                   | TECHNICAL FIELDS<br>SEARCHED (Int.Cl.6)      |
|   |  |                   | F24F   |
| <p>The present search report has been drawn up for all claims</p>   |  |                   |  |
| Place of search   | Date of completion of the search   |                   | Examiner                                     |
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| CATEGORY OF CITED DOCUMENTS   |  |                   |  |
| <p>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</p>  |  |                   |  |
| <p>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/>.....<br/>&amp; : member of the same patent family, corresponding document</p> |  |                   |  |

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

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