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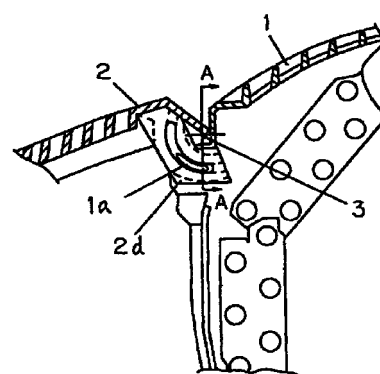
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(54) **Indoor unit of an air conditioner**

(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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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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A	US 4 333 206 A (LANG ET AL.) 8 June 1982 (1982-06-08) * column 1, line 45 - column 2, line 7; figures 2-4 *	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			F24F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 16 December 1999	Examiner CORREIA DOS REIS, I
<p>CATEGORY OF CITED DOCUMENTS</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 & : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82