

Title (en)

Indoor unit of an air conditioner

Title (de)

Innenraumeinheit für eine Klimaanlage

Title (fr)

Unité intérieure d'un dispositif de conditionnement d'air

Publication

**EP 0769661 A2 19970423 (EN)**

Application

**EP 96116567 A 19961016**

Priority

JP 26821095 A 19951017

Abstract (en)

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. <IMAGE>

IPC 1-7

**F24F 1/02**; **F24F 1/00**

IPC 8 full level

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CPC (source: EP US)

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**EP 0769661 A2 19970423**; **EP 0769661 A3 20000223**; **EP 0769661 B1 20050126**; CN 1103031 C 20030312; CN 1150637 A 19970528; ES 2236723 T3 20050716; JP 3379303 B2 20030224; JP H09112950 A 19970502; MY 121901 A 20060331

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