

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 B1 20050126 (EN)

Application

EP 96116567 A 19961016

Priority

JP 26821095 A 19951017

Abstract (en)

[origin: EP0769661A2] 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

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IPC 8 full level

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CPC (source: EP US)

F24F 1/0057 (2019.01 - EP); **F24F 1/0071** (2019.01 - EP US); **F24F 13/08** (2013.01 - EP); **F24F 13/084** (2013.01 - EP)

Cited by

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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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