

Title (en)  
INDOOR UNIT OF AIR CONDITIONER

Title (de)  
INNENRAUMEINHEIT FÜR KLIMAAANLAGE

Title (fr)  
SYSTEME INTERIEUR D'AIR CONDITIONNE

Publication  
**EP 1028294 A4 20010829 (EN)**

Application  
**EP 98945579 A 19981002**

Priority  
• JP 9804451 W 19981002  
• JP 29529097 A 19971028

Abstract (en)  
[origin: EP1028294A1] In an indoor unit of an air conditioner, a turbofan for sucking air from an axially front and discharging the air radially outwardly with respect to an axis of the turbofan is disposed within a casing (1) such that the axis extends in an anteroposterior direction of the casing. Within the casing (1), a heat exchanger is disposed axially forward of the turbofan. A front panel (2) is fitted to the casing (1), which panel has a suction port (2a) in front of the heat exchanger. A meshed flat plate (4) which allows air to be sucked from the front and which has a pattern printed on both faces thereof is fitted to the suction port (2a) of the front panel (2). This indoor unit can accommodate itself to various patterns and colors according to the interior design of a room, people's tastes, seasons or the like with low cost, and allows dirt on the unit wiped off easily. <IMAGE>

IPC 1-7  
**F24F 1/00**; **F24F 13/08**

IPC 8 full level  
**F24F 1/0007** (2019.01); **F24F 1/0057** (2019.01); **F24F 1/0063** (2019.01); **F24F 1/0073** (2019.01); **F24F 13/20** (2006.01); **F24F 13/08** (2006.01)

CPC (source: EP US)  
**F24F 1/0007** (2013.01 - EP US); **F24F 1/0057** (2019.01 - EP US); **F24F 1/0063** (2019.01 - EP US); **F24F 1/0073** (2019.01 - EP US); **F24F 1/0022** (2013.01 - EP); **F24F 11/52** (2017.12 - EP); **F24F 11/56** (2017.12 - EP); **F24F 13/082** (2013.01 - EP)

Citation (search report)  
• [Y] JP S5596329 U 19800704  
• [Y] JP H0322516 U 19910308  
• [A] JP H04132324 U 19921208  
• [A] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 03 31 March 1997 (1997-03-31)  
• [A] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 08 29 August 1997 (1997-08-29)  
• See references of WO 9922179A1

Cited by  
EP1701100A3; EP1878977A3

Designated contracting state (EPC)  
ES FR IT

DOCDB simple family (publication)  
**EP 1028294 A1 20000816**; **EP 1028294 A4 20010829**; CN 1278321 A 20001227; JP H11132498 A 19990521; TW 384376 B 20000311; WO 9922179 A1 19990506

DOCDB simple family (application)  
**EP 98945579 A 19981002**; CN 98810666 A 19981002; JP 29529097 A 19971028; JP 9804451 W 19981002; TW 87116588 A 19981007