

Title (en)
AIR CONDITIONER

Title (de)
KLIMAANLAGE

Title (fr)
APPAREIL DE CONDITIONNEMENT D'AIR

Publication
EP 1460350 A1 20040922 (EN)

Application
EP 02780061 A 20021108

Priority
• JP 0211707 W 20021108
• JP 2001398902 A 20011228

Abstract (en)
An indoor unit (Z1) has a casing (1) which is embedded or suspended in/from a ceiling (50), and an indoor panel (2) which is provided on a lower side of the casing (1) and installed in an indoor exposed state. The indoor panel (2) is provided with an air inlet (3), a plurality of air outlets (4) which surround the air inlet (3) in a rectangular shape and have a rectangular shape. An infrared sensor (15) is provided on an exposed portion of the indoor panel (2). The indoor unit (Z1) further has an airflow changing unit (52) for changing characteristics of airflow blown out from each of the air outlets (4), and a control unit (53) for controlling the airflow changing unit (52) based on output information of the infrared sensor (15). <IMAGE>

IPC 1-7
F24F 11/02

IPC 8 full level
F24F 1/00 (2006.01); **F24F 11/00** (2006.01); **F24F 11/02** (2006.01); **F24F 13/06** (2006.01); **F24F 13/12** (2006.01)

CPC (source: EP US)
F24F 1/0011 (2013.01 - EP US); **F24F 1/0047** (2019.01 - EP US); **F24F 11/30** (2017.12 - EP US); **F24F 11/46** (2017.12 - EP US); **F24F 11/79** (2017.12 - EP US); **F24F 13/06** (2013.01 - EP US); **F24F 2120/10** (2017.12 - EP US)

Citation (search report)
See references of WO 03058133A1

Cited by
EP2206975A3; EP2199694A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
US 2004050077 A1 20040318; AU 2002344488 A1 20030724; CN 1217142 C 20050831; CN 1491335 A 20040421; EP 1460350 A1 20040922; JP 2003194385 A 20030709; KR 20030072556 A 20030915; WO 03058133 A1 20030717

DOCDB simple family (application)
US 46626803 A 20030715; AU 2002344488 A 20021108; CN 02804832 A 20021108; EP 02780061 A 20021108; JP 0211707 W 20021108; JP 2001398902 A 20011228; KR 20037007573 A 20030605