

Title (en)  
INDOOR UNIT FOR AIR CONDITIONER

Title (de)  
INNENRAUMEINHEIT FÜR KLIMAANLAGE

Title (fr)  
UNITE INTERIEURE POUR CLIMATISEUR

Publication  
**EP 1975519 A1 20081001 (EN)**

Application  
**EP 06835166 A 20061225**

Priority  
• JP 2006325719 W 20061225  
• JP 2006000151 A 20060104

Abstract (en)  
An object of the present invention is to provide an indoor unit of an air conditioner capable of preventing occurrence of short circuit even when air is sucked in from the front side of a main body. An indoor unit (1) of an air conditioner includes a main body (2), a front panel (10), and a bottom short circuit prevention section (51). The main body (2) includes a front side opening (2a), a top discharge port (24), and a bottom discharge port (25). The front side opening (2a) is formed on the front side of the main body (2). The top discharge port (24) is formed above the front side opening (2a). The bottom discharge port (25) is formed below the front side opening (2a). The front panel (10) is flat and disposed in front of the front side opening (2a). The front panel (10) includes a top intake port (11a), a bottom intake port (11b), a first side intake port (11c), and a second side intake port (11d) respectively provided at four sides, i.e., top, bottom, left and right sides. The bottom short circuit prevention section (51) prevents short circuit of air flow between the bottom intake port (11b) and the bottom discharge port (25).

IPC 8 full level  
**F24F 1/0014** (2019.01); **F24F 13/14** (2006.01); **F24F 1/0063** (2019.01); **F24F 1/0073** (2019.01); **F24F 13/20** (2006.01)

CPC (source: EP US)  
**F24F 1/0011** (2013.01 - EP); **F24F 1/0014** (2013.01 - EP US); **F24F 1/005** (2019.01 - EP); **F24F 1/0063** (2019.01 - EP US); **F24F 1/0073** (2019.01 - EP US); **F24F 13/14** (2013.01 - EP)

Cited by  
CN107621014A; CN107420999A; CN107559972A

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

DOCDB simple family (publication)  
**EP 1975519 A1 20081001**; **EP 1975519 A4 20130403**; **EP 1975519 B1 20140611**; AU 2006333863 A1 20070712; AU 2006333863 B2 20100311; ES 2498016 T3 20140924; JP 2007183011 A 20070719; JP 3972948 B2 20070905; WO 2007077773 A1 20070712

DOCDB simple family (application)  
**EP 06835166 A 20061225**; AU 2006333863 A 20061225; ES 06835166 T 20061225; JP 2006000151 A 20060104; JP 2006325719 W 20061225