

Title (en)  
INTEGRATED AIR CONDITIONER

Title (de)  
INTEGRIERTE KLIMAANLAGE

Title (fr)  
CONDITIONNEUR D'AIR INTÉGRÉ

Publication  
**EP 2955458 A1 20151216 (EN)**

Application  
**EP 15158792 A 20150312**

Priority  
JP 2014050437 A 20140313

Abstract (en)  
Provided is an integrated air conditioner (1) in which a partition plate that used to have only the function of a partition wall (3) constitutes a central frame, and other functional parts or mechanisms are integrally molded or subassembled thereon to achieve functional integration, thereby improving ease of assembly. In an integrated air conditioner 1 in which the inside of a unit main body (2) is partitioned into two, namely, upper (4) and lower (5), chambers by a partition wall, indoor-side component devices are accommodated in an upper chamber (4), and outdoor-side component devices are accommodated in a lower chamber (5), the partition wall constitutes a central frame (3), and a windpath forming part (23) that forms at least part of a blownwind path for temperature-adjusted wind, a drain-water pathway (24) that guides drain water produced on an indoor side to an outdoor side, and a wind-direction adjusting mechanism (17) that adjusts the blowing direction of temperature-adjusted wind are integrated on the central frame (3) through integral molding or subassembly.

IPC 8 full level  
**F24F 1/029** (2019.01); **F24F 13/20** (2006.01); **F24F 1/0314** (2019.01); **F24F 1/0323** (2019.01); **F24F 1/035** (2019.01); **F24F 1/0355** (2019.01); **F24F 13/22** (2006.01)

CPC (source: EP US)  
**F24F 1/0011** (2013.01 - EP); **F24F 1/029** (2019.01 - EP US); **F24F 1/0314** (2019.01 - EP US); **F24F 1/0323** (2019.01 - EP US); **F24F 1/035** (2019.01 - EP US); **F24F 1/0355** (2019.01 - EP US); **F24F 13/20** (2013.01 - EP); **F24F 13/222** (2013.01 - EP)

Citation (applicant)  
• JP H05149579 A 19930615 - MITSUBISHI ELECTRIC CORP  
• JP S6240261 A 19870221 - SHOKUHIN SANGYO MAKU RIYOU GIJ

Citation (search report)  
• [A] JP 2008180408 A 20080807 - MATSUSHITA ELECTRIC IND CO LTD  
• [A] JP 2009024927 A 20090205 - MEIWA KK  
• [A] JP H0593527 A 19930416 - MATSUSHITA SEIKO KK  
• [AD] JP H05149579 A 19930615 - MITSUBISHI ELECTRIC CORP

Cited by  
CN110805964A; EP4043806A4

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2955458 A1 20151216; EP 2955458 B1 20170510; JP 2015175528 A 20151005**

DOCDB simple family (application)  
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