

Title (en)
AIR CONDITIONER

Title (de)
KLIMAANLAGE

Title (fr)
CLIMATISEUR

Publication
EP 2865952 A4 20160316 (EN)

Application
EP 12869582 A 20120625

Priority
JP 2012066127 W 20120625

Abstract (en)
[origin: EP2865952A1] A wall-mounted air conditioner in which an air cleaning device can be easily and reliably secured is provided. The air conditioner includes: a body including an inlet port in an upper portion and an air blowing port in a lower portion; a lid provided in a front portion of the body; a fan that is provided in the body, takes air from the inlet port and supplies the air to the air blowing port; a heat exchanger provided between the inlet port and the fan; a filter provided so as to cover the heat exchanger from a side of the lid; a securing frame provided between the filter and the heat exchanger; and an air cleaning device placed on the securing frame on a side of the filter, wherein only when the air cleaning device placed on the securing frame on the side of the filter is incompletely placed, the air cleaning device is pressed by the filter pressed by the lid that is closed and thus secured to the securing frame.

IPC 8 full level
F24F 1/0073 (2019.01); **F24F 1/0057** (2019.01); **F24F 1/0063** (2019.01); **F24F 3/16** (2021.01)

CPC (source: EP US)
F24F 1/0057 (2019.01 - EP US); **F24F 1/0063** (2019.01 - EP US); **F24F 1/0073** (2019.01 - EP US); **F24F 3/16** (2013.01 - EP US)

Citation (search report)
• [A] JP 2001263785 A 20010926 - FUJITSU GENERAL LTD
• [A] WO 9911983 A1 19990311 - TOSHIBA KK [JP]
• [A] GB 2241058 A 19910821 - TOSHIBA KK [JP]
• [A] EP 1087183 A1 20010328 - DAIKIN IND LTD [JP]
• See references of WO 2014002159A1

Cited by
EP2700451A3

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

DOCDB simple family (publication)
EP 2865952 A1 20150429; **EP 2865952 A4 20160316**; **EP 2865952 B1 20171122**; CN 203489362 U 20140319; JP 5423927 B1 20140219; JP WO2014002159 A1 20160526; WO 2014002159 A1 20140103

DOCDB simple family (application)
EP 12869582 A 20120625; CN 201290000306 U 20120625; JP 2012066127 W 20120625; JP 2013513487 A 20120625