

Title (en)
INDOOR UNIT OF AIR CONDITIONING APPARATUS

Title (de)
INNENRAUMEINHEIT FÜR LUFTKLIMATISIERUNGSVORRICHTUNG

Title (fr)
UNITÉ INTÉRIEURE D'UN APPAREIL DE CLIMATISATION

Publication
EP 2244030 A4 20130605 (EN)

Application
EP 09702848 A 20090116

Priority
• JP 2009000155 W 20090116
• JP 2008007334 A 20080116

Abstract (en)
[origin: EP2244030A1] A disc-shaped air filter (30), a rotating brush (51) to be in contact with the air filter (30) for removing dust as the air filter (30) rotates, and a cleaning brush (52) for removing dust which has been trapped on the rotating brush (51) are provided. The air filter (30) rotates intermittently so that dust thereon is removed by the rotating brush (51), and the dust on the rotating brush (51) is removed by the cleaning brush (52) upon each stop of the intermittent rotation. The air filter (30) rotates in the opposite direction over a predetermined angle before the dust is removed by the cleaning brush (52).

IPC 8 full level
F24F 13/28 (2006.01); **F24F 1/0073** (2019.01); **F24F 11/02** (2006.01)

CPC (source: EP US)
F24F 1/0047 (2019.01 - EP); **F24F 1/0073** (2019.01 - EP US); **F24F 8/90** (2021.01 - EP); **F24F 13/28** (2013.01 - EP); **F24F 1/0022** (2013.01 - EP); **F24F 2013/0616** (2013.01 - EP)

Citation (search report)
• [X] JP 2006071121 A 20060316 - MATSUSHITA ELECTRIC IND CO LTD
• [AD] JP 2007038215 A 20070215 - MITSUBISHI ELECTRIC CORP, et al
• [A] JP 2007130628 A 20070531 - MITSUBISHI ELECTRIC CORP, et al
• [A] JP 2007170738 A 20070705 - KOWA CO
• [A] JP 2007271174 A 20071018 - FUJITSU GENERAL LTD
• See references of WO 2009090886A1

Cited by
CN113091194A; EP2730850A1; FR2997755A1

Designated contracting state (EPC)
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 SE SI SK TR

DOCDB simple family (publication)
EP 2244030 A1 20101027; EP 2244030 A4 20130605; EP 2244030 B1 20160113; CN 101910746 A 20101208; CN 101910746 B 20130724; JP 2009192210 A 20090827; JP 4433089 B2 20100317; WO 2009090886 A1 20090723

DOCDB simple family (application)
EP 09702848 A 20090116; CN 200980102473 A 20090116; JP 2009000155 W 20090116; JP 2009007707 A 20090116