

Title (en)
CEILING-MOUNTED AIR CONDITIONER

Title (de)
DECKENMONTIERTE KLIMAAANLAGE

Title (fr)
CLIMATISEUR MONTÉ AU PLAFOND

Publication
EP 2378214 A2 20111019 (EN)

Application
EP 09835261 A 20091223

Priority
• KR 2009007699 W 20091223
• KR 20080132344 A 20081223

Abstract (en)
A ceiling-mounted air conditioner is provided. The ceiling-mounted air conditioner includes an intake panel, which has an air intake, a door panel, which can be lifted up to and down from the intake panel, and a plurality of elevation driving units, which are disposed on the intake panel and apply driving force to the door panel so as for the door panel to be lifted up and down and thus to open or shut the air intake of the intake panel. Therefore, it is possible to improve the exterior appearance of the ceiling-mounted air conditioner and facilitate the design of the ceiling-mounted air conditioner.

IPC 8 full level
F24F 1/00 (2011.01); **F24F 13/00** (2006.01)

CPC (source: EP KR US)
F24F 1/00 (2013.01 - KR); **F24F 1/0014** (2013.01 - EP US); **F24F 1/0047** (2019.01 - EP US); **F24F 13/00** (2013.01 - KR);
F24F 13/20 (2013.01 - EP US); **F24F 2221/26** (2013.01 - EP US)

Cited by
EP3309471A4; EP3199882A4

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 SM TR

DOCDB simple family (publication)
EP 2378214 A2 20111019; **EP 2378214 A4 20170906**; **EP 2378214 B1 20200205**; CN 102265095 A 20111130; ES 2784025 T3 20200921;
KR 101045380 B1 20110630; KR 20100073627 A 20100701; US 2012003917 A1 20120105; WO 2010074495 A2 20100701;
WO 2010074495 A3 20101021; WO 2010074495 A4 20110203

DOCDB simple family (application)
EP 09835261 A 20091223; CN 200980152482 A 20091223; ES 09835261 T 20091223; KR 20080132344 A 20081223;
KR 2009007699 W 20091223; US 200913141833 A 20091223