

Title (en)  
Ceiling mounting type air conditioner

Title (de)  
Klimaanlage zur Deckenmontage

Title (fr)  
Climatiseur d'air de plafond

Publication  
**EP 2199695 A1 20100623 (EN)**

Application  
**EP 09252875 A 20091222**

Priority  
KR 20080131709 A 20081222

Abstract (en)  
Disclosed is a ceiling mounting type air conditioner including: a body (10) that is fixed on a ceiling (1) and has an opened bottom surface; an outlet panel (100) that is coupled at a lower portion of the body (10) and has an air outlet opening (110); an inlet panel (200) that is coupled at a lower portion of the outlet panel (100) and has an air inlet opening (205); and a door panel (300) that is arranged to conceal the air inlet opening (205), form an air inlet path between the door panel (300) and the inlet panel (200) when moving down, and shields the inlet panel (200) when moving up.

IPC 8 full level  
**F24F 1/0047** (2019.01); **F24F 1/0059** (2019.01); **F24F 1/0073** (2019.01); **F24F 13/20** (2006.01)

CPC (source: EP KR US)  
**F24F 1/00** (2013.01 - KR); **F24F 1/0047** (2019.01 - EP US); **F24F 1/0059** (2013.01 - EP US); **F24F 1/0073** (2019.01 - EP US); **F24F 13/00** (2013.01 - KR); **F24F 13/28** (2013.01 - KR); **F24F 11/56** (2017.12 - EP); **F24F 13/20** (2013.01 - EP)

Citation (search report)

- [XY] EP 1826496 A2 20070829 - LG ELECTRONICS INC [KR]
- [Y] JP 2004092998 A 20040325 - TOSHIBA CARRIER KK, et al
- [Y] WO 2004044498 A1 20040527 - DAIKIN IND LTD [JP], et al
- [A] JP 2006071136 A 20060316 - SANYO ELECTRIC CO

Cited by  
JP2016090211A; EP2378214A4; CN106705245A; EP2381182A4; EP2857762A1; CN104515202A; EP3199882A4; US10047972B2; USD921176S; US10203124B2; US11988406B2; US8986427B2; US10203150B2; WO2014189844A1; US9696703B2; US10197298B2; US10528014B2; US11119460B2; US11703816B2

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

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**EP 2199695 A1 20100623**; **EP 2199695 B1 20180523**; CN 101761944 A 20100630; CN 101761944 B 20131225; KR 20100073121 A 20100701

DOCDB simple family (application)  
**EP 09252875 A 20091222**; CN 200910261109 A 20091222; KR 20080131709 A 20081222