

Title (en)
In-ceiling embedded type air conditioner

Title (de)
In die Decke eingebaute Klimaanlage

Title (fr)
Climatiseur encastré au plafond

Publication
EP 2295878 A3 20141210 (EN)

Application
EP 10007746 A 20100726

Priority
JP 2009174323 A 20090727

Abstract (en)
[origin: EP2295878A2] In an in-ceiling embedded type air conditioner including an air conditioner main body (1) having a heat exchanger (11) and an air blower (9) mounted therein and a face panel (21) that is mounted on a ceiling plane while assembled with the air conditioner main body and has air blow-out ports (23) for blowing air in four directions, each of the air blow-out ports has a trapezoidal shape which gradually expands in width toward the outer edge of the face panel.

IPC 8 full level
F24F 1/00 (2011.01); **F24F 13/14** (2006.01)

CPC (source: EP)
F24F 1/0011 (2013.01); **F24F 1/0047** (2019.01); **F24F 13/14** (2013.01); **F24F 2013/0616** (2013.01)

Citation (search report)

- [X] JP 2007024345 A 20070201 - MITSUBISHI ELECTRIC CORP
- [X] EP 2023049 A2 20090211 - SANYO ELECTRIC CO [JP]
- [X] JP 2009103420 A 20090514 - FUJITSU GENERAL LTD
- [A] WO 2009054316 A1 20090430 - TOSHIBA CARRIER CORP [JP], et al
- [A] EP 1752717 A1 20070214 - DOMETIC WTA S R L [IT]

Cited by
GB2511148A; EP2816294A3; GB2511148B; EP2918936A4; US9995504B2; US11156372B2

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 SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
EP 2295878 A2 20110316; EP 2295878 A3 20141210; EP 2295878 B1 20180411; CN 101968258 A 20110209; JP 2011027336 A 20110210; JP 5456402 B2 20140326

DOCDB simple family (application)
EP 10007746 A 20100726; CN 201010236649 A 20100723; JP 2009174323 A 20090727