

Title (en)
Air conditioner having outlet port

Title (de)
Klimaanlage mit Auslassöffnung

Title (fr)
Climatiseur ayant un orifice de sortie

Publication
EP 1967798 A3 20110119 (EN)

Application
EP 07120877 A 20071116

Priority
KR 20070022216 A 20070306

Abstract (en)
[origin: EP1967798A2] Disclosed herein is an air conditioner in which the structure of an outlet port is improved to prevent dew condensation at the outlet port. The air conditioner includes an outlet port to discharge air and a guide forming a discharge channel to guide air to the outlet port side. The guide is formed in a step shape to expand the discharge channel. The air conditioner has the effect of preventing dew condensation at the outlet port.

IPC 8 full level
F24F 1/0007 (2019.01); **F24F 1/0063** (2019.01); **F24F 13/06** (2006.01); **F24F 13/08** (2006.01); **F24F 13/20** (2006.01); **F24F 13/22** (2006.01)

CPC (source: EP KR US)
F24F 1/0007 (2013.01 - EP US); **F24F 1/0011** (2013.01 - KR); **F24F 1/005** (2019.01 - EP KR US); **F24F 1/0063** (2019.01 - EP US); **F24F 13/06** (2013.01 - EP US); **F24F 13/08** (2013.01 - KR); **F24F 2013/221** (2013.01 - KR)

Citation (search report)

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- [X] GB 2301411 A 19961204 - HUNTER TECHNICAL DEV LTD [GB]
- [A] WO 0113046 A1 20010222 - WALKER MARK A [US]
- [A] US 4393898 A 19830719 - IZUMI MASAO [JP], et al

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GB2488518A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1967798 A2 20080910; **EP 1967798 A3 20110119**; **EP 1967798 B1 20130417**; CN 101261031 A 20080910; CN 101261031 B 20100616; JP 2008215801 A 20080918; JP 4620106 B2 20110126; KR 20080081759 A 20080910; US 2008220713 A1 20080911

DOCDB simple family (application)
EP 07120877 A 20071116; CN 200710194826 A 20071122; JP 2007314023 A 20071204; KR 20070022216 A 20070306; US 97973607 A 20071107