

Title (en)
Outdoor unit and air-conditioning apparatus having the same

Title (de)
Außeneinheit und Klimaanlagevorrichtung damit

Title (fr)
Unité extérieure et appareil de climatisation l'utilisant

Publication
EP 2436994 A3 20121219 (EN)

Application
EP 11182449 A 20110923

Priority
JP 2010218481 A 20100929

Abstract (en)
[origin: EP2436994A2] In the outdoor unit including: a casing (1) having a substantially parallelepiped shape opened on top; a top panel (15) configured to close the opening on the top of the casing (1); a bell mouth (7) provided at an outlet opening of a propeller fan (30) formed on a front panel (3) which constitutes the casing (1); an outlet grill (8) attached on the front side of the outlet opening; and an appendice (16) provided at an end portion of the top panel (3) at a portion corresponding to the outlet grill (8) on the front side of the top panel (3) so as to be overhung to the front from the edge portion.

IPC 8 full level
F24F 1/06 (2011.01); **F24F 1/58** (2011.01); **F24F 13/20** (2006.01)

CPC (source: EP)
F24F 1/06 (2013.01); **F24F 1/56** (2013.01)

Citation (search report)

- [X] DE 202005016955 U1 20070308 - GLEN DIMPLEX DEUTSCHLAND GMBH [DE]
- [X] JP 2006196794 A 20060727 - CHUGOKU ELECTRIC POWER
- [A] JP 2003302073 A 20031024 - ISEFUJI KK
- [A] EP 2226587 A2 20100908 - STIEBEL ELTRON GMBH & CO KG [DE]
- [A] JP 2001355880 A 20011226 - DAIKIN IND LTD, et al
- [A] JP S4854656 U 19730713

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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2436994 A2 20120404; **EP 2436994 A3 20121219**; **EP 2436994 B1 20180103**; CN 102434921 A 20120502; CN 102434921 B 20140910; JP 2012072973 A 20120412; JP 5220076 B2 20130626

DOCDB simple family (application)
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