

Title (en)
OUTDOOR UNIT OF AIR CONDITIONER

Title (de)
AUSSENEINHEIT FÜR KLIMAANLAGE

Title (fr)
CLIMATISEUR EXTERIEUR

Publication
EP 1443282 A4 20080625 (EN)

Application
EP 02799463 A 20020906

Priority
• JP 0209126 W 20020906
• JP 2001289812 A 20010921

Abstract (en)
[origin: EP1443282A1] The inside of a main body of an outdoor unit (1) is partitioned by a partition plate (3) into two spaces, the one space is used as a heat exchange chamber (4) in which an outdoor heat exchanger (8), blowers (10a and 10b), and the like are disposed, and the other space is used as a machine chamber (5) in which a compressor (13), an electrical component package (16), and the like are disposed. The blowers each comprise a fan motor (11a, 11b) and a propeller fan (12a, 12b), there are disposed two units of the blowers arranged in vertical alignment with each other, and a diameter (phi Da) of the propeller fan of the blower on the upper side is set larger than a diameter (phi Db) of the propeller fan of the blower on the lower side. <IMAGE>

IPC 1-7
F24F 5/00

IPC 8 full level
F24F 5/00 (2006.01); **F24F 1/38** (2011.01); **F24F 13/20** (2006.01)

CPC (source: EP)
F24F 1/38 (2013.01); **F24F 1/46** (2013.01); **F24F 13/20** (2013.01)

Citation (search report)
• [A] JP H07248133 A 19950926 - FUJITSU GENERAL LTD
• [A] JP 2000161716 A 20000616 - SHARP KK
• [A] JP 2000018649 A 20000118 - DAIKIN IND LTD
• [A] JP H11118198 A 19990430 - DAIKIN IND LTD
• See references of WO 03027578A1

Cited by
EP1959204A1; FR2897600A1; US2015040609A1; US10001285B2; WO2006129891A3; WO2007099571A1; WO2007096378A3

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