

Title (en)
OUTDOOR UNIT OF AN AIR CONDITIONER

Title (de)
AUSSENEINHEIT FÜR EINE KLIMAAANLAGE

Title (fr)
UNITE EXTERIEURE D'UN CONDITIONNEUR D'AIR

Publication
EP 0961908 B1 20030502 (EN)

Application
EP 98955917 A 19981125

Priority
• JP 9805297 W 19981125
• JP 33295497 A 19971203
• JP 18912298 A 19980703

Abstract (en)
[origin: WO9928681A1] An outdoor unit of an air conditioner, which comprises a vertical compressor (3) and whose housing (1) is, nonetheless, small because the components (including a heat exchanger (2)) are arranged in the housing (1) in a specific manner. In the outdoor unit, the vertical compressor (3), fan unit (4), and heat exchanger (2) are arranged in one straight line. The housing (1) can therefore have a small width, occupying a small installation space. Further, the operating efficiency of the heat exchanger (2) is enhanced, whereby the vertical compressor (3) and the motor (4a) of the fan unit (4) can be cooled with high efficiency.

IPC 1-7
F24F 1/00; **F24F 13/20**; **F24F 13/30**

IPC 8 full level
F24F 5/00 (2006.01); **F24F 1/10** (2011.01); **F24F 1/16** (2011.01)

CPC (source: EP KR)
F24F 1/06 (2013.01 - KR); **F24F 1/10** (2013.01 - EP); **F24F 1/18** (2013.01 - EP); **F24F 1/46** (2013.01 - EP)

Cited by
US11635214B2

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
WO 9928681 A1 19990610; BR 9807148 A 20000125; CN 1154805 C 20040623; CN 1252125 A 20000503; DE 69814047 D1 20030605; EP 0961908 A1 19991208; EP 0961908 B1 20030502; ES 2198077 T3 20040116; ID 22274 A 19990923; JP H11223363 A 19990817; KR 100336222 B1 20020510; KR 20000070639 A 20001125; TW 387053 B 20000411

DOCDB simple family (application)
JP 9805297 W 19981125; BR 9807148 A 19981125; CN 98804005 A 19981125; DE 69814047 T 19981125; EP 98955917 A 19981125; ES 98955917 T 19981125; ID 990961 A 19981125; JP 18912298 A 19980703; KR 19997006888 A 19990730; TW 87118620 A 19981109