

Title (en)
Air conditioner and humidifying/dehumidifying apparatus attached thereto

Title (de)
Klimaanlage mit Vorrichtung zur Entfeuchtung/Befeuchtung

Title (fr)
Installation de climatisation avec dispositif d'humidification/déshumidification

Publication
EP 1526343 A2 20050427 (EN)

Application
EP 05001543 A 20001012

Priority
• EP 00122158 A 20001012
• JP 29195699 A 19991014
• JP 29319499 A 19991015
• JP 35276099 A 19991213

Abstract (en)
In an air conditioner, at an outdoor side end of a ventilation duct (75), an auxiliary duct (78) having an outlet side end (80) of an approximately semicircular shape twisted by about 90 DEG with respect to a coupling portion (79) for the ventilation duct (75) is coupled. When the coupling portion (79) of the auxiliary duct (78) is adapted to have cross sections of different diameters, it can be coupled to a ventilation duct (75) having a small diameter. Further, if the outlet side end opening (83) is cut obliquely, air circulation is not hindered even when it is in contact with a wall surface of the weather cover (81). <IMAGE>

IPC 1-7
F24F 1/00

IPC 8 full level
F24F 1/0057 (2019.01); **F24F 1/0063** (2019.01); **F24F 3/14** (2006.01); **F24F 11/00** (2006.01)

CPC (source: EP US)
F24F 1/0057 (2019.01 - EP US); **F24F 1/0063** (2019.01 - EP US); **F24F 1/26** (2013.01 - EP); **F24F 1/32** (2013.01 - EP);
F24F 3/1423 (2013.01 - EP); **F24F 11/30** (2017.12 - EP); **F24F 11/52** (2017.12 - EP US); **F24F 11/56** (2017.12 - EP);
F24F 2003/1464 (2013.01 - EP); **F24F 2203/1012** (2013.01 - EP); **F24F 2203/1016** (2013.01 - EP); **F24F 2203/1032** (2013.01 - EP);
F24F 2203/1056 (2013.01 - EP); **F24F 2203/1068** (2013.01 - EP); **F24F 2203/1084** (2013.01 - EP); **F24F 2203/1088** (2013.01 - EP);
F24F 2203/1092 (2013.01 - EP)

Designated contracting state (EPC)
IT

DOCDB simple family (publication)
EP 1092927 A2 20010418; **EP 1092927 A3 20020731**; **EP 1092927 B1 20060726**; AU 6651900 A 20010426; AU 776223 B2 20040902;
CN 1165714 C 20040908; CN 1244779 C 20060308; CN 1246647 C 20060322; CN 1293340 A 20010502; CN 1504695 A 20040616;
CN 1504696 A 20040616; EP 1526342 A2 20050427; EP 1526342 A3 20051123; EP 1526343 A2 20050427; EP 1526343 A3 20051123;
ES 2267442 T3 20070316

DOCDB simple family (application)
EP 00122158 A 20001012; AU 6651900 A 20001013; CN 00130496 A 20001013; CN 200310123298 A 20001013;
CN 200310123299 A 20001013; EP 05001542 A 20001012; EP 05001543 A 20001012; ES 00122158 T 20001012