

Title (en)
AIR CONDITIONER

Title (de)
KLIMAANLAGE

Title (fr)
CONDITIONNEUR D'AIR

Publication
EP 1318355 A4 20051116 (EN)

Application
EP 01958534 A 20010827

Priority
• JP 0107337 W 20010827
• JP 2000276292 A 20000912

Abstract (en)
[origin: EP1318355A1] An air conditioner having a humidifying unit, in which the amount of humidity can be maintained and the overall diameter of the lines can be designed to be minimized, by maintaining the temperature of humidified air from the humidifying unit to the indoor unit at an appropriate level. Refrigerant lines that run between an outdoor refrigerant circuit and an indoor refrigerant circuit, and a humidified air line that runs between the humidifying unit and the indoor air conditioner, are formed inside and integral with a line member 161, and amongst the refrigerant lines, a high pressure/high temperature heating line 163 and a humidified air line 164 are disposed inside a high temperature maintenance space 165. <IMAGE>

IPC 1-7
F24F 6/00; **F24F 6/06**; **F24F 1/00**; **F24F 1/02**; **F24F 3/14**

IPC 8 full level
F24F 6/08 (2006.01); **F24F 3/14** (2006.01); **F24F 6/00** (2006.01); **F24F 6/06** (2006.01); **F25B 13/00** (2006.01)

CPC (source: EP KR)
F24F 1/0003 (2013.01 - EP); **F24F 1/022** (2013.01 - EP); **F24F 1/32** (2013.01 - EP); **F24F 1/34** (2013.01 - EP); **F24F 3/1411** (2013.01 - EP); **F24F 6/00** (2013.01 - EP KR); **F24F 6/06** (2013.01 - EP); **F24F 2203/1012** (2013.01 - EP); **F24F 2203/1032** (2013.01 - EP); **F24F 2203/1068** (2013.01 - EP); **F24F 2203/1084** (2013.01 - EP); **F25B 13/00** (2013.01 - EP)

Citation (search report)
• [Y] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 09 30 September 1996 (1996-09-30)
• [Y] PATENT ABSTRACTS OF JAPAN vol. 014, no. 523 (M - 1049) 16 November 1990 (1990-11-16)
• [PY] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 21 3 August 2001 (2001-08-03)
• [A] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 05 30 April 1998 (1998-04-30)
• [A] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 14 31 December 1998 (1998-12-31)
• See references of WO 0223095A1

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EP3069085A4; WO2015068946A1; US10381813B2

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