

Title (en)

Air conditioner with a device for draining water

Title (de)

Klimaanlage mit einer Vorrichtung zur Wasserabscheidung

Title (fr)

Climatiseur ayant le dispositif pour vidanger eau

Publication

EP 1750067 A1 20070207 (EN)

Application

EP 05016874 A 20050803

Priority

EP 05016874 A 20050803

Abstract (en)

An air conditioner includes an indoor device having a water draining hose for receiving water generated in the indoor device, an outdoor device having a fan device spindle, and a water draining device coupled to the spindle of the fan device, and coupled to the hose of the indoor device, to draw the water out of the indoor device, and to prevent the water from dropping from the indoor device. The water draining device includes a housing having a cap which includes an inlet coupled to the hose of the indoor device, and an outlet for discharging the water. The housing includes two check valves to control the water to flow from the hose of the indoor device into the cap, and then to flow out through the outlet of the cap.

IPC 8 full level

F24F 1/00 (2011.01); **F24F 13/22** (2006.01)

CPC (source: EP)

F24F 1/06 (2013.01); **F24F 1/36** (2013.01); **F24F 13/222** (2013.01); **F24F 2013/227** (2013.01); **F24F 2140/30** (2017.12)

Citation (search report)

- [X] GB 844877 A 19600817 - WEATHERFOIL HEATING SYSTEMS LT, et al
- [X] US 2002083728 A1 20020704 - LEE WON HEE [KR], et al
- [A] US 6336338 B1 20020108 - KOREN URI [IL]
- [A] US 2797559 A 19570702 - ATCHISON LEONARD W

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1750067 A1 20070207; **EP 1750067 B1 20081015**; AT E411496 T1 20081015; DE 602005010422 D1 20081127; ES 2315765 T3 20090401

DOCDB simple family (application)

EP 05016874 A 20050803; AT 05016874 T 20050803; DE 602005010422 T 20050803; ES 05016874 T 20050803