

Title (en)
Drain pump

Title (de)
Entleerungspumpe

Title (fr)
Pompe de vidange

Publication
EP 1647716 A3 20071114 (EN)

Application
EP 05017835 A 20050817

Priority
JP 2004301283 A 20041015

Abstract (en)
[origin: EP1647716A2] The invention provides a drain pump of an air conditioner capable of preventing return water from splashing toward a motor when the motor stops. A drain pump 1a comprises a pump body 10 including a pump chamber 16, an inlet port 12 and an outlet port 14, and a lid member 130. A boss portion 132 of a lid member has an opening 134 through which a shaft 52 of a rotary vane 50 within the pump chamber 16 is projected. An output shaft 64 of the motor 60 within the motor casing 140 is press-fit to the shaft portion 52. When the motor 60 is stopped, the water inside the exhaust hose 18 flows back into the pump chamber 16 and is spurted through the opening 134. An outer circumference wall 144 of an opening 142 of the output shaft 64 of the motor casing 140 is tapered so as to prevent the spurted water from entering the motor.

IPC 8 full level
F04D 29/10 (2006.01); **F04D 1/14** (2006.01); **F04D 13/06** (2006.01); **F04D 29/42** (2006.01); **F24F 13/22** (2006.01)

CPC (source: EP KR)
F04D 13/06 (2013.01 - EP); **F04D 13/08** (2013.01 - KR); **F04D 29/106** (2013.01 - EP); **F04D 29/426** (2013.01 - EP); **F04D 29/66** (2013.01 - KR); **F24F 1/00** (2013.01 - KR)

Citation (search report)

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EP2113669A3

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 1647716 A2 20060419; **EP 1647716 A3 20071114**; CN 100520077 C 20090729; CN 1760553 A 20060419; JP 2006112335 A 20060427; KR 20060053280 A 20060519

DOCDB simple family (application)
EP 05017835 A 20050817; CN 200510109006 A 20051013; JP 2004301283 A 20041015; KR 20050096827 A 20051014