

Title (en)
Drainage pump

Title (de)
Abflusspumpe

Title (fr)
Pompe de drainage

Publication
EP 1617084 B1 20130508 (EN)

Application
EP 05013455 A 20050622

Priority
JP 2004209377 A 20040716

Abstract (en)
[origin: EP1617084A1] The invention aims at reducing the paddling noise of a drainage pump provided in an air conditioner. A rotary vane 100 has a shaft portion 110 with a hole having a bottom portion, and in the hole is inserted an output shaft 12 of the electric motor 10. A plate-shaped large-diameter vane 120 that extends in the radial direction from the shaft portion 110 has an outer circumference end connected to a cylindrical ring member 200. According to a preferred embodiment of the rotary vane 100, an upper end of the ring member is formed as a thin wall portion which is connected via a connecting portion to a dish-like member 160.

IPC 8 full level
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Citation (examination)
• JP 2003293976 A 20031015 - TAISAN INDUSTRIAL CO
• JP 2002005083 A 20020109 - SAGINOMIYA SEISAKUSHO INC

Cited by
US2011008153A1; CN101943181A; US8747071B2; CN102996462A; EP3171032A1; CN106989068A; TWI499724B; TWI711765B

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