

Title (en)
HUMIDIFYING DEVICE

Title (de)
BEFEUCHTUNGSVORRICHTUNG

Title (fr)
DISPOSITIF HUMIDIFICATEUR

Publication
EP 1118818 A4 20030416 (EN)

Application
EP 00949886 A 20000726

Priority
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Abstract (en)
[origin: EP1118818A1] There is provided is a humidifier that has a small amount of leak of air between its humidification passage and its moisture absorption passage and has a high humidification efficiency. A moisture absorption side fan motor 14 and a humidification side fan motor 17 are provided on the downstream side of a humidifying rotor 12, by which a humidification passage 13 and a moisture absorption passage 15 have negative pressures in the vicinity of an end surface of the humidifying rotor 12. Therefore, a pressure difference between air in the humidification passage 15 and air in the moisture absorption passage 13 is small in the vicinity of the end surface of the humidifying rotor 12, by which the leak of air is a little and the humidification efficiency is improved. The moisture absorption side fan motor 14 and the humidification side fan motor 17 are arranged on the same lower side of the humidifying rotor 12, making the humidifier compact. <IMAGE>

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IPC 8 full level
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CPC (source: EP KR)
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Citation (search report)
• [Y] GB 2167851 A 19860604 - MITSUBISHI ELECTRIC CORP
• [XY] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 09 30 July 1999 (1999-07-30)
• [DXA] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 10 31 October 1996 (1996-10-31)

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EP 1118818 A1 20010725; **EP 1118818 A4 20030416**; **EP 1118818 B1 20060913**; AT E339658 T1 20061015; CN 1188636 C 20050209; CN 1322288 A 20011114; DE 60030676 D1 20061026; DE 60030676 T2 20070906; ES 2270857 T3 20070416; JP 2001099453 A 20010413; JP 3430993 B2 20030728; KR 100420643 B1 20040302; KR 20010075382 A 20010809; WO 0107841 A1 20010201

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