

Title (en)
Humidifier

Title (de)
Luftbefeuchter

Title (fr)
Humidificateur

Publication
EP 1707888 A2 20061004 (EN)

Application
EP 06001122 A 20060119

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Abstract (en)
A humidifier is disclosed which includes a desiccant wheel (54), and a heat exchanger adapted to heat-exchange air dehumidified in an absorption chamber (60) with air introduced into a regeneration chamber (70). The heat of the air dehumidified in the absorption chamber (60) can be used to increase the temperature of ambient air introduced into the regeneration chamber (70), thereby reducing the load of a heater (56) to heat the temperature of the ambient air introduced into the regeneration chamber (70), and thus, achieving a reduction in the power consumption of the heater (56).

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Citation (applicant)
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