

Title (en)
Dehumidifier

Title (de)
Entfeuchter

Title (fr)
Déshumidificateur

Publication
EP 2159498 A2 20100303 (EN)

Application
EP 09250569 A 20090227

Priority
KR 20080084065 A 20080827

Abstract (en)
The present invention relates to a dehumidifier, including a dehumidification rotor partitioned into a dehumidification area, which is dehumidified while indoor air passes through the dehumidification area, and a reconditioning area, which is reconditioned while reconditioning air passes through the reconditioning area, a plurality of heat exchange plates configured to perform heat exchange of indoor air before the indoor air has passed through the dehumidification rotor and reconditioning air which has passed through the dehumidification rotor, and a reconditioning air distribution member placed between the reconditioning area of the dehumidification rotor and the heat exchange plates and configured to distribute the reconditioning air which has passed through the reconditioning area into the plurality of heat exchange plates. Accordingly, the dehumidification capability of a dehumidifier can be improved and noise, generated when a dehumidifier is driven, can be reduced.

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