

HUMIDITY-CONTROLLING DEVICE

ABSTRACT

5 When, in an adsorption isotherm of an adsorbent, a range less than a first relative
humidity value (RH1) is a first range (I), a range equal to or higher than the first relative
humidity value (RH1) and equal to or lower than a second relative humidity value (RH2) (RH2
> RH1) is a second range (II), and a range exceeding the second relative humidity value (RH2)
is a third range (III), a change in moisture content of the adsorbent to a change in relative
10 humidity in the second range (II) is larger than a change in moisture content of the adsorbent to
a change in relative humidity in the first range (I) and the third range (III). The moisture is
desorbed from the adsorbent in the vicinity of the first relative humidity value (RH1), and the
moisture is adsorbed by the adsorbent in the vicinity of the second relative humidity value
(RH2).

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[FIG. 1]