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(54) **METHOD AND SYSTEM FOR CONTROL OF DESICCANT DEHUMIDIFIER**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 261 days.

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See application file for complete search history.

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(57) **ABSTRACT**

An active wheel desiccant dehumidifier is controlled for improved energy savings by modulating operation characteristics including process air flow, reactivation air flow, temperatures, and wheel rotation in response to changing conditions.

109 Claims, 18 Drawing Sheets

