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(54) Title: RESIN BONDED SORBENT

(57) Abstract: The invention relates to improved resin bonded sorbent compositions and articles of manufacture fabricated therewith, such as air conditioning and refrigeration components. The introduction of desiccants into resinous molding compositions enables the elimination of more conventional bagged desiccant containments. The novel molding compositions of the invention and parts fabricated therewith are multi-functional, beneficially combining structural, mechanical and adsorptive capabilities without requiring the usual reinforcing additives. Consequently, with the omission of reinforcing additives the novel molding compositions of the invention are further characterized by higher moisture adsorptive capacities by allowing for higher sorbent loading factors than prior adsorbent-containing molding compositions.



WO 2006/078855 A3

INTERNATIONAL SEARCH REPORT

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B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 502/401,402,415,416 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EAST		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,214,255 B1 (HEKAL) 10 April 2001 (10.04.2001), abstract, Figures, and Examples.	1-19
X	US 6,562,452 B2 (FERRI) 13 May 2003 (13.05.2003), abstract, Examples, Figures.	1-19
A	US 3,687,297 A (KUHN et al) 29 August 1972 (29.08.1972), abstract, claims.	
A	US 3,375,933 A (RODMAN) 02 April 1968 (02.04.1968), entire document.	
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