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Deutsch et al.

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[54] **PROCESS FOR THE PREPARATION OF DISCRETE PARTICLES OF CALCIUM CARBONATE**

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[58] **Field of Search** 423/165, 432

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[57] **ABSTRACT**

A process for the precipitation of discrete prismatic calcium carbonate particles by carbonation of aqueous calcium hydroxide containing a saccharide or polysaccharide or a saccaride or polysaccharide and a metal ion at temperatures of from about 8° C. to about 64° C. is disclosed. The resulting product has specific surface areas between about 10 m^2/g and about 120 m^2/g and is useful in paints, plastics, paper coating, paper filling, and pharmaceutical applications.

8 Claims, No Drawings