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Whistler

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[54] **SUBGRANULAR CRYSTALLINE STARCH AS FAT SUBSTITUTE**

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[*] Notice: The term of this patent shall not extend beyond the expiration date of Pat. No. 5,445,678.

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Related U.S. Application Data

[63] Continuation of Ser. No. 86,227, Jul. 1, 1993, Pat. No. 5,445,678, which is a continuation of Ser. No. 706,894, May 29, 1991, abandoned.

[51] **Int. Cl.**[6] **C08B 30/12**; A23L 1/05

[52] **U.S. Cl.** **127/67**; 127/32; 426/661; 426/804

[58] **Field of Search** 127/32, 67; 426/661, 426/804

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[57] **ABSTRACT**

A microcrystalline starch composition is prepared by disintegration of microporous starch granules produced by partial hydrolysis of granular starch. The composition finds use particularly as a fat substitute in reduced calorie foods. The starch composition is optionally treated with starch reactive cross-linking agents and/or other surface modifying agents to optimize its rheological properties and the organoleptic qualities of processed foods containing the microcrystalline starch composition.

10 Claims, No Drawings