

[54] **SALT SUBSTITUTE AND FOODSTUFFS CONTAINING SAME**

[75] **Inventors:** Takahiro Nakagawa, Osaka; Shiro Tanaka, Tokyo, both of Japan

[73] **Assignees:** Chugai Seiyaku Kabushiki Kaisha, Tokyo; San-Ei Chemical Industries, Ltd., Osaka, both of Japan

[21] **Appl. No.:** 195,982

[22] **Filed:** May 19, 1988

[30] **Foreign Application Priority Data**

May 20, 1987	[JP]	Japan	62-124970
Jul. 7, 1987	[JP]	Japan	62-170088
Jul. 22, 1987	[JP]	Japan	62-184201
Jul. 22, 1987	[JP]	Japan	62-184202
Jan. 27, 1988	[JP]	Japan	63-16700
Jan. 27, 1988	[JP]	Japan	63-16701

[51] **Int. Cl.⁵** C01D 13/00; A23C 21/00

[52] **U.S. Cl.** 426/649; 426/650; 426/583

[58] **Field of Search** 426/649, 650, 583

[56] **References Cited**

U.S. PATENT DOCUMENTS

3,860,732	1/1975	Eisenstadt	
3,930,056	12/1975	Feminella et al.	426/583
4,183,970	1/1980	May et al.	426/650
4,243,691	1/1981	Mohlenkamp et al.	426/649

4,297,375	10/1981	Shackelford	426/649
4,399,164	8/1983	Lauck et al.	426/583
4,471,002	9/1984	Buckholz et al.	426/649
4,514,431	4/1985	Buckholz et al.	426/649

FOREIGN PATENT DOCUMENTS

0124254	11/1984	European Pat. Off.	.
0125021	11/1984	European Pat. Off.	.
2196151	3/1974	France	.

Primary Examiner—Donald E. Czaja
Assistant Examiner—Mary S. Mims
Attorney, Agent, or Firm—Browdy and Neimark

[57] **ABSTRACT**

A salt substitute comprising whey mineral which is produced by reducing lactose and protein from whey, an alkali metal salt, and optionally an alkaline earth metal salt is disclosed. A seasoning which is prepared by combining the salt substitute with one or more substances selected from sweeteners, protein hydrolyzates, amino acids and nucleic acid-related substances, as well as a foodstuff containing the salt substitute are also disclosed.

The salt substitute produced by the method described herein has salty taste comparable to that of the common salt when used in the same way of the common salt, and allows the sodium ion intake to be lowered while keeping the taste of the foodstuff unchanged.

21 Claims, No Drawings