United States Patent [19]

Hirotsuka et al.

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[54] **METHOD FOR FRACTIONATION OF VEGETABLE PROTEINS BY REDUCTION**

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[58] **Field of Search** 204/180.1, 131; 530/370, 372, 374, 375, 376, 377, 378

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[57] **ABSTRACT**

A method for fraction fractionation of a vegetable protein such as soybean protein which comprises subjecting a source of the vegetable protein in an aqueous system to reduction conditions such as treatment with a sulfite compound, a glutathione compound or cysteine compound, or electrolytic reduction at pH within a neutral or alkaline range and then bringing the system to pH of 5.5 to 7.0 at a temperature of 20° C. or lower to fractionate the system into a soluble or dispersing fraction and an insoluble or precipitate fraction.

11 Claims, 3 Drawing Sheets