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(54) **PROCESS FOR THE EXTRACTION, PURIFICATION AND ENZYMATIC MODIFICATION OF SOY 7S GLOBULIN ALPHA' SUBUNIT FOR USE AS HYPOCHOLESTEROLEMIZING AGENT**

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(58) **Field of Classification Search** ..... None
See application file for complete search history.

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(57) **ABSTRACT**

A purified amino-terminal polypeptide fragment of the soy β-conglycinin α' subunit is prepared by selective extraction of defatted soy with an aqueous solution of sodium bisulfite, precipitation with ethanol, and Metal Affinity Chromatography (MAC) under denaturing conditions to obtain the α' subunit. The α' subunit is then enzymatically treated with chymotrypsin and subjected to further MAC to recover the amino-terminal fragment of the polypeptide (MW 28,000 Da).

7 Claims, 2 Drawing Sheets