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(54) **METHOD FOR PRODUCTION OF FRACTIONATED SOYBEAN PROTEIN MATERIAL**

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See application file for complete search history.

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(57) **ABSTRACT**

The object is to fractionate 7S-globulin as well the remaining acid-precipitable proteins from a soybean with efficiency and at high purities, and provide a highly pure fractionated soybean protein material. Specifically disclosed is a method for producing a fractionated soybean protein material, which comprises the steps of: 1) extracting a protein from a soybean having a 7S-globulin content of 20 wt % or more and a 11S-globulin content of 10 wt % or less relative to the total amount of proteins, thereby producing a soybean protein solution; 2) adjusting the pH value of the soybean protein solution to 4 to 5.5, and heating the resulting solution at 40 to 65° C.; and 3) adjusting the pH value of the heated soybean protein solution to a value ranging from 5.3 to 5.7 and higher than the pH value at the time of the heating the solution, and fractionating the resulting solution into a water-soluble fraction and a water-insoluble fraction.

1 Claim, 2 Drawing Sheets