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(54) Title: A PROCESS FOR PREPARING A PLANT PROTEIN CONTAINING LIQUID

(57) Abstract: The invention relates to a process for preparing a plant protein containing liquid from a defatted oleaginous plant, comprising the following steps: a) Forming a suspension of the defatted oleaginous plant in an aqueous solvent; b) Enzymatically treating the suspension obtained in step a), with the following enzymes: - at least one protein glutaminase for the solubilisation in said aqueous solvent of proteins contained in the defatted oleaginous plant, - at least one transglutaminase, said enzymes being used successively or simultaneously; c) Recovering the plant protein containing liquid obtained in step b). The Invention also relates to a plant protein containing liquid, obtained according to said process and a protein-rich food product, comprising the plant protein containing liquid obtained according to the above process.