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(54) Title: TEXTURED EDIBLE PROTEIN PRODUCT DERIVED FROM INSECT LARVAE OR WORMS

(57) Abstract: The invention relates to a process and a system for producing a textured edible protein product derived from insect larvae or worms. The process comprises a) reducing the insect larvae or worms in size to obtain a pulp, b) mixing the pulp with a hydrocolloid that gels with metal cations in aqueous solution to form a protein-hydrocolloid slurry, and c) injecting the protein-hydrocolloid slurry into an aqueous solution of a metal cation with a valency of at least 2 to form the textured edible protein product. In step c) the protein-hydrocolloid slurry is jetted under pressure from outside of the aqueous solution of a metal cation with a valency of at least 2 into the aqueous solution at an oblique angle with respect to a liquid surface of the aqueous solution, thereby producing flakes of the textured edible protein product in the aqueous solution, in which flakes substantially all hydrocolloid has been gelled with the metal cations.



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