

Title (en)

METHOD FOR TREATING INSECTS, IN WHICH THE CUTICLES ARE SEPARATED FROM THE SOFT PART OF THE INSECTS, AND THE SOFT PART IS THEN SEPARATED INTO THREE FRACTIONS

Title (de)

VERFAHREN ZUR BEHANDLUNG VON INSEKTEN, BEI DEM DIE CUTICULA VOM WEICHTEIL DER INSEKTEN GETRENNNT WERDEN UND DER WEICHTEIL DANN IN DREI FRAKTIONEN GETRENNNT WIRD

Title (fr)

PROCEDE DE TRAITEMENT D'INSECTES COMPRENANT LA SEPARATION DES CUTICULES DE LA PARTIE MOLLE DES INSECTES PUIS LA SEPARATION DE LA PARTIE MOLLE EN TROIS FRACTIONS

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Application

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Abstract (en)

[origin: CA3047512A1] The invention relates to a method for treating insects, comprising the separation of the cuticles from the soft part of the insects, the maturation of the soft part of the insects, followed by the separation of the soft part of the insects into an oil fraction, a solid fraction and an aqueous fraction. The invention further relates to powders, in particular a powder obtainable by the method of treating insects according to the invention, and to the use of these powders in food.

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JP 7127030 B2 20220829; JP 7184777 B2 20221206; KR 20190099297 A 20190826; KR 20190099298 A 20190826;  
KR 20230124761 A 20230825; MX 2019007884 A 20190906; RU 2019123582 A 20210129; RU 2019123582 A3 20210129;  
US 11998029 B2 20240604; US 2019343150 A1 20191114; US 2020107560 A1 20200409; US 2022174989 A1 20220609;  
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CN 201780081410 A 20171228; CN 201780081603 A 20170310; CO 2019007202 A 20190703; CO 2019007204 A 20190703;  
EP 17715223 A 20170310; EP 17825881 A 20171228; FR 2017050554 W 20170310; JP 2019535288 A 20171228; JP 2019535310 A 20170310;  
KR 20197021713 A 20170310; KR 20197021715 A 20171228; KR 20237027638 A 20170310; MX 2019007884 A 20171228;  
RU 2019123582 A 20170310; US 201716473465 A 20171228; US 201716473871 A 20170310; US 202217587625 A 20220128