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(54) Title (EN): DEVICE CONTAINING ADDITIVES FOR MIXING INTO PACKAGED FOOD PREPARATIONS

(54) Title (FR): DISPOSITIF CONTENANT DES ADDITIFS À MÉLANGER DANS DES PRÉPARATIONS ALIMENTAIRES CONDITIONNÉES

(54) Title (ES): DISPOSITIVO CONTENEDOR DE ADITIVOS PARA MEZCLAR EN PREPARADOS ALIMENTARIOS ENVASADOS

(57) Abstract:

(EN): The invention relates to a device containing additives for mixing into packaged food preparations, which comprises: a container assembly (2), with an outer cylinder (20) having closed upper (21) and lower (22) ends, and an inner cylinder (23) with a bottom tip (24); a perforating head (3) with a pointed cylindrical body (30) which can tightly penetrate into the outer cylinder (20), side fins (25) in the outer cylinder (20) which are raised like a propeller when the perforating head (3) is rotated inside the outer cylinder (20), preferably, by means of an electric motor (31) connected to a battery (32) and to a switch (33) which, by means of the pin (34) thereof, is connected with the pointed cylindrical body (30) thereof, and, optionally, a holding head (5) which supports the container assembly (2), pressure-fit into same via a bushing (50), in the neck (60) of the container (6) of the preparation for which the additive is intended.

(FR): La présente invention concerne un dispositif contenant des additifs à mélanger dans des préparations alimentaires conditionnées qui comprend: un ensemble contenant (2), à cylindre externe (20) ayant des extrémités supérieure (21) et inférieure (22) fermées, et à cylindre interne (23) en forme de pointe (24) au niveau inférieur; une tête perforatrice (3) ayant un corps cylindrique protubérant pointu (30) pouvant pénétrer de manière ajustée dans le cylindre externe (20), des ailettes latérales (25) dans le cylindre externe (20) qui montent comme une hélice lorsque la tête perforatrice (3) tourne dans le cylindre externe (20), de préférence au moyen d'un moteur électrique (31) connecté à une batterie (32) et à un interrupteur (33) qui, par son axe (34) est associé à son corps cylindrique protubérant pointu (30) et, facultativement, une tête de fixation (5) qui soutient l'ensemble contenant (2), accouplé par pression à ce dernier, au moyen d'un culot (50), dans le goulot (60) du conditionnement (6) de la préparation à laquelle est destiné l'additif.

(ES): Dispositivo contenedor de aditivos para mezclar en preparados alimentarios envasados comprendiendo: conjunto contenedor (2), de cilindro externo (20) con extremos superior (21) e inferior (22) cerrados, y cilindro interno (23) inferiormente en punta (24); cabezal perforador (3) con cuerpo cilíndrico puntiagudo (30) penetrable ajustadamente en el cilindro externo (20), aletas laterales (25) en el cilindro externo (20) que se elevan como hélice al hacer girar el cabezal perforador (3) en el cilindro externo

(20), preferentemente, mediante motor eléctrico (31) conectado a una batería (32) y a interruptor (33) que, a través de su eje (34), está asociado a su cuerpo cilíndrico puntiagudo (30), y, opcionalmente, cabezal de sujeción (5) que sostiene el conjunto contenedor (2), acoplado a presión en él a través de un casquillo (50), en el gollete (60) del envase (6) del preparado a que se destina el aditivo.

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