

Title (en)
PACKAGING MACHINE OF PRODUCTS FOR POURABLE FOOD PREPARATIONS

Title (de)
VERPACKUNGSMASCHINE FÜR FLÜSSIGE LEBENSMITTELZUBEREITUNGEN

Title (fr)
MACHINE D'EMBALLAGE DE PRODUITS POUR PRÉPARATIONS ALIMENTAIRES VERSABLES

Publication
EP 3741690 A1 20201125 (EN)

Application
EP 20176130 A 20200522

Priority
IT 201900007201 A 20190524

Abstract (en)
What is proposed is a packaging machine (1) for products (P) for pourable preparations, wherein each product (P) has two lateral walls (701) and two end walls (702; 703), the latter each being provided with a pair of folded triangular tabs (706), and is defined starting at least from a continuous web (M) of packaging material. The packaging machine (1) comprises a plurality of operating units (203; 206; 208; 210; 303) which are connected to each other such as at least one unwinding unit (203) for unwinding the web (M) from a reel (204); a sterilising unit for sterilising the unwound web (M); a longitudinal sealing unit (206) for sealing the sterilised web (M), configured for forming a continuous tube (207) along a sliding direction (D); a filling unit (208) configured for feeding the pourable food product into the continuous tube (207) formed; a forming and separating unit (210) configured for sealing the filled tube (11) along transversal seals (705) which are opposite each other relative to the longitudinal axis (D) of the tube (11) in such a way as to obtain a product (P), and for separating the product (P) from the tube by means of a transversal cut; a folding unit (303), configured for receiving the products (P) and for folding parts of the opposite transversal seals (705) of each product (P) thereby obtaining folded triangular tabs (706). The packaging machine (1) also comprises an acquisition device (501), configured for acquiring a data flow in the form of video or audio video streaming, comprising a sequence of frames acquired in sequence, relating to the products (P) being processed (1), and/or to the web (M) used to make those products (P) in one of the above-mentioned operating units (203; 206; 208; 210; 303) and a processing device (502) configured for comparing the data flow acquired by the acquisition device (501) with a reference data flow, for detecting any discontinuity in the acquired data flow.

IPC 8 full level
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