

Title (en)

Machine for thermoforming, filling and hermetic closing of plastic containers having a multiplicity of compartments

Title (de)

Maschine zum Thermoformen, Füllen und luftdichtem Verschliessen von Kunststoffbehältern mit mehreren Kammern

Title (fr)

Machine de thermoformage, de remplissage et de fermeture étanche de récipients en matière plastique à plusieurs compartiments

Publication

EP 0773161 A1 19970514 (FR)

Application

EP 96402345 A 19961105

Priority

FR 9513130 A 19951107

Abstract (en)

The machine consists of a moulding unit (10) to shape the containers from thermoplastic sheet material (12). A dosing unit (16) delivers a first product into certain compartments of the containers. A sealing unit (18) is provided for the first compartments. A second dosing unit (20) is provided for a second product into a second series of compartments. A second sealing unit (22) is also provided for the second compartments. All these units are followed by a cutter (24) which separates the containers individually or in groups. The machine has a system of guides (32), between the first and second dosing units, which positions a first strip or part of a strip of a sealing material over the filled compartments. There are more guides after the second dosing unit to cover the second filled compartments with a strip or part of a strip of sealing material.

Abstract (fr)

Machine de thermoformage, de remplissage et de fermeture de récipients en particulier de produits alimentaires, la machine comprenant un poste (14) de thermoformage des récipients, un poste (16) de dosage de produit dans des premiers compartiments des récipients, un poste (18) de fermeture étanche des premiers compartiments, un poste (20) de dosage de produit dans des seconds compartiments et un poste (22) de fermeture étanche des seconds compartiments, les compartiments étant fermés par une bande (28) déroulée d'une bobine (30) et passant sur des moyens de guidage (32) pour obturer les premiers compartiments tout en permettant l'accès aux seconds compartiments, puis pour obturer les seconds compartiments après le dosage du second produit. <IMAGE>

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CPC (source: EP)

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Citation (search report)

- [XD] EP 0611695 A1 19940824 - GEA FINNAH GMBH [DE]
- [A] EP 0088255 A1 19830914 - NESTLE SA [CH]
- [A] FR 1552043 A 19690103

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