

Title (en)

Method and apparatus for forming and hermetically sealing packages of sliced food items

Title (de)

Verfahren und Vorrichtung zum Herstellen und luftdichten Versiegeln von Verpackungen für Lebensmittelscheiben

Title (fr)

Procédé et dispositif pour former et sceller hermétiquement des emballages pour tranches de produits alimentaires

Publication

**EP 0704375 A1 19960403 (EN)**

Application

**EP 95114947 A 19920511**

Priority

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- CA 2135377 A 19920511
- HK 98106441 A 19980624
- ID 970639 A 19920514
- NZ 24268292 A 19920511
- US 36121989 A 19890605

Abstract (en)

An apparatus for stacking slices of a product in at least one stacking location (82a-82f), the apparatus comprising: a belt (72) having a plurality of apertures, the belt being arranged such that at least part of the belt (72) is disposed above the at least one stacking location (82a-82f); means (74,76) for moving the belt (72) such that the belt (72) travels over the at least one stacking location (82a-82f), the bottom of the belt facing the at least one stacking location (82a-82f); vacuum means (78) for providing vacuum through the apertures of the belt (72) along a product-holding section of the belt, the vacuum being continuously provided during a stacking operation such that the slices of the product (100) are maintained on the belt (72); a selectively engageable air ejector (80a-80f) operatively connected to provide positive air pressure through the apertures in the belt (72) at an air ejector location, the air ejector location being disposed downstream of the product-holding section of the belt at the beginning of the at least one stacking location (82a-82f), the air ejector (80a-80f) being continuously operated during a stacking operation to provide positive air pressure to the apertures at the air ejector location simultaneously with the vacuum (78) being provided through the apertures at the product-holding section of the belt such that the leading edge of a slice of produce (100) is urged off of the belt (72) by the positive air pressure at the slice is moved past the apertures at the air ejector location (80a-80f). <IMAGE>

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Citation (applicant)

US 2460460 A 19490201 - NICHOLAS LANGER

Citation (search report)

- [XY] GB 1298141 A 19721129 - CLEMENTS RONALD BALDWIN
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Designated contracting state (EPC)

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