

Title (en)

METHOD AND DEVICE FOR CONTINUOUSLY FILLING A PRODUCT INTO PACKAGES

Title (de)

VERFAHREN UND VORRICHTUNG ZUR KONTINUIERLICHEN ABFÜLLUNG EINES PRODUKTES IN PACKUNGEN

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT LE REMPLISSAGE CONTINU DE PAQUETS AVEC UN PRODUIT

Publication

EP 1373073 B2 20080213 (DE)

Application

EP 02735187 A 20020327

Priority

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- EP 0203446 W 20020327

Abstract (en)

[origin: WO02079036A1] The invention relates to a method and to a device for continuously filling a predetermined quantity of a product into packages that are preferably produced from packing material available on a reel. Defects in the composite material and/or defects of the filled packages are recognized and the rejections are removed from the production process by the intermediate of a central control (5) that acquires information data regarding the production process of the packaging material, the integrity of the packaging envelope and/or of the open package and the filling process via a plurality of interfaces (9-15). Those packages that are not filled or that are filled but have leaks or are defective are removed by means of a removal device (8, 8', 8'') via a surface control system (6) and a plurality of detectors for acquiring data for the central control (5).

IPC 8 full level

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CPC (source: EP)

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Citation (opposition)

Opponent :

- JP H02205534 A 19900815 - TOSHIBA SEIKI KK
- DE 19603675 A1 19970807 - BOSCH GMBH ROBERT [DE]
- DE 4203786 A1 19930812 - SEITZ ENZINGER NOLL MASCH [DE]
- DE 1953306 A1 19701029 - ASEA AB
- DE 3725739 A1 19890216 - INNOTECH QUALITAETSSICHERUNGSSY [DE]
- US 4136503 A 19790130 - MILLER DOUGLAS C

Cited by

EP4234210A2; EP3549879B1

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