

Title (en)

Device for the automatic control of a filling apparatus for receptacles.

Title (de)

Vorrichtung zur automatischen Kontrolle einer Abfüllmaschine für Behälter.

Title (fr)

Dispositif de contrôle automatique d'une installation de remplissage de récipients.

Publication

EP 0001196 A1 19790321 (FR)

Application

EP 78400089 A 19780905

Priority

FR 7727407 A 19770909

Abstract (en)

[origin: ES473204A1] The method comprises the steps of sequentially taking containers filled in a multi-station filling machine, of weighing each of said taken containers, of comparing said weighing to a preset value for the filling devices of the filling machine and of establishing a correlation between each taken and weighed filled container and the corresponding filling station of the filling machine. In a filling machine comprising a rotation filling apparatus having n filling stations, the control device comprises at least a rotating transfer apparatus arranged in series with the rotating filling apparatus with interposition of at least an intermediary transfer wheel. The rotating transfer apparatus comprises n1 stations among which n1-1 passive stations and a control weighing station provided with a balance, numbers n and n1 being incommensurable numbers. Controlled actuating means are provided on the circular path of the filling devices of the rotating filling apparatus for cooperation with controllably actuatable members of said filling devices to vary the setting of said filling devices in accordance with the measured control weighings on the rotating transfer apparatus.

Abstract (fr)

La présente invention concerne des installations de remplissage de récipients. Le dispositif de contrôle comporte un carrousel de transfert 20 disposé en série par l'intermédiaire d'une étoile de transfert 4, avec un carrousel de remplissage à dosage pondéral 10. Le carrousel de transfert comporte n1-1 postes statiques 21 et un poste de balance de comparaison 22, le nombre n1 des postes du carrousel de transfert étant premier avec le nombre n des postes 11 du carrousel de remplissage 10, permettant ainsi d'établir un pesage de comparaison des récipients remplis 100 prélevés de façon séquentielle à partir du carrousel de remplissage et ainsi de corriger individuellement les balances de pesage du carrousel de remplissage 10. Application notamment aux installations d'embouteillage

IPC 1-7

B65B 3/28; **B65B 1/46**

IPC 8 full level

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CPC (source: EP US)

B65B 1/46 (2013.01 - EP US); **B65B 3/28** (2013.01 - EP US); **B67C 3/202** (2013.01 - EP US)

Citation (search report)

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DOCDB simple family (application)

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