

Title (en)

Automatic machine with coaxial discs for the packaging of flexible containers which are conveyed with a continuous movement

Title (de)

Automatische Vorrichtung mit koaxialen Scheiben zum Verpacken von flexiblen, kontinuierlich geförderten Behältern

Title (fr)

Machine automatique pourvue de plateaux coaxiaux pour l'emballage de récipients flexibles, transportés en mouvement continu

Publication

EP 0673835 B1 19990113 (EN)

Application

EP 95200548 A 19950307

Priority

IT MI940540 A 19940322

Abstract (en)

[origin: EP0673835A1] Automatic machine of the carousel type (102) for filling and sealing bag-shaped containers (1) made of flexible material, comprising at least a first horizontal disc (200) to which devices (201) for gripping and holding the containers (1) are rigidly connected, which disc (200) is made to perform a continuous rotating movement about the vertical axis of the machine by associated actuating means (101a, 103), for conveying of the containers themselves, and at least another horizontal disc (300) coaxial with the first one, carrying devices (303) for metering the product to be introduced into the container and devices (320) for sealing the latter, which disc is made to perform an alternate rotating movement by associated first actuating means (103, 104, 104c, 105, 307, 307b, 307c) which cause the rotation thereof together and rigidly with the disc (200) through a predetermined angle and by further actuating means (106, 107) which cause the counter-rotation thereof back into the initial position, with respect to and independently of the disc (200) itself, there also being provided means (301a, 301b, 202) for adjusting the height, from the conveying disc (200), of the gripping devices (201) and the disc (300). <IMAGE>

IPC 1-7

B65B 43/60

IPC 8 full level

B65B 43/60 (2006.01)

CPC (source: EP)

B65B 43/60 (2013.01)

Cited by

CN114423706A; CN113996938A; DE102008007737A1; EP1279601A3; DE10235929A1; DE10235929B4; DE10235929C5; US10118406B2; US7937916B2; WO9722522A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR IT LI NL

DOCDB simple family (publication)

EP 0673835 A1 19950927; EP 0673835 B1 19990113; AT E175637 T1 19990115; DE 69507180 D1 19990225; IT 1269899 B 19970416; IT MI940540 A0 19940322; IT MI940540 A1 19950922

DOCDB simple family (application)

EP 95200548 A 19950307; AT 95200548 T 19950307; DE 69507180 T 19950307; IT MI940540 A 19940322