

Title (en)

Machine for packaging groups of articles into containers obtained from flat folded tubular blanks and for closing filled containers

Title (de)

Maschine zum Verpacken von Gruppen von Gegenständen in aus flach gefalteten schlauchförmigen Zuschnitten erzeugten Behältern, und zum Verschliessen der gefüllten Behälter

Title (fr)

Machine pour emballer des objets dans des récipients obtenus à partir de flans tubulaires plats et pliés , et pour fermer des récipients remplis

Publication

EP 1035018 A1 20000913 (EN)

Application

EP 00105059 A 20000309

Priority

IT BO990116 A 19990311

Abstract (en)

The machine (100) includes a first line (1) which feeds articles (2) to a forming station (10), in which groups (20) of articles are formed. A second line (5), arranged beside the first one, includes a working station (50) in which a container (4) is erected, obtained from a flat folded tubular blank (4a). The second working station (50) includes folding means (60) which close first the bottom of the container (4), and after the container (4) has been filled, also the cover thereof. The container (4) is filled by introducing one group of articles (20) at a time, until a first layer is completed. Pushing means (14) aimed at introducing the groups of articles (20) perform strokes of programmed amplitude corresponding to the position of the group of articles (20) in the respective layer. The second conveying line (5) is carried by a platform (55) having a variable height, which is lowered by an entity corresponding to the articles (2) height each time a layer has been completed. After the cover of the container (4) has been closed, the latter is sent to the outlet of the second working station (50), where taping means (70) operate, so as to close and fix the bottom and cover. <IMAGE>

IPC 1-7

B65B 5/10; **B65B 5/02**; **B65B 59/00**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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