

Title (en)

Device for feeding blanks to a folding revolver of a packaging machine.

Title (de)

Vorrichtung zum Zuführen von Zuschnitten zu einem Faltrevolver einer Verpackungsmaschine.

Title (fr)

Dispositif pour amener des coupes à un revolver de pliage d'une machine d'emballage.

Publication

EP 0315821 A2 19890517 (DE)

Application

EP 88117720 A 19881025

Priority

DE 3738102 A 19871110

Abstract (en)

[origin: JPH01153423A] PURPOSE: To increase the output of a packaging machine for hinge-lid packs by accurately and rapidly mounting two blanks on the upper sides of the pockets by the moving cycle of the blanks or the peripheral direction moving passage. CONSTITUTION: To manufacture the hinge-lid packs from the blanks 10, a folding turret 31 having the flat disc-shaped structure and rotating on a vertical axis, is mounted. This folding turret 31 comprises a number of pockets 32, 33 along a peripheral portion thereof, and each of these pockets accomodates the blanks or the packs. In this folding turret 31, the adjacent pockets 32, 33 are mounted in parallel with each other two by two, for simultaneously receiving and processing two blanks 10. The folding plates 105, 106 are mounted on the fixed positions with the height same as that of the pockets inside in the radial direction of the pockets 32, 33, and the front portions in the rotating direction of the folding turret 31, of the folding plate 106 is retractable in the condition that it is inwardly rotated in the radial direction from the moving path of the pockets 32, 33.

Abstract (de)

Zur Erhöhung der Leistung einer Verpackungsmaschine für insbesondere Klappschachteln aus einzelnen Zuschnitten werden diese längs zweier paralleler Bahnen (Zuschnittbahnen 39, 40) Faltorganen (Faltrevolver 31) zugeführt. Um eine fehlerfreie und leistungsfähige Förderung von jeweils zwei Zuschnitten zu gewährleisten, sind die Zuschnittbahnen (39, 40) in einem Abstand voneinander angeordnet, der größer ist als der Abstand von Taschen (32, 33) des Faltrevolvers (31), in die die Zuschnitte gleichzeitig einzuführen sind. Die Zuschnitte werden durch quergerichtete Bewegung aufeinander zu in die Position für den Einschub in die Taschen (32, 33) bewegt.

IPC 1-7

B31B 3/44

IPC 8 full level

B31B 3/00 (2006.01); **B31B 3/44** (2006.01); **B65B 19/20** (2006.01); **B65B 19/22** (2006.01); **B65B 43/08** (2006.01); **B65B 43/22** (2006.01); **B65D 85/10** (2006.01)

CPC (source: EP US)

B65B 19/20 (2013.01 - EP US); **B65B 19/228** (2013.01 - EP US); **B65D 85/1045** (2013.01 - EP US)

Cited by

DE102010050528A1; EP1167008A3; EP1840032A1; DE19713231A1; US5983595A; EP3176097A4; CN106739172A; EP0667232A1; US7530208B2; WO2012062390A1; EP1772383B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0315821 A2 19890517; **EP 0315821 A3 19900207**; **EP 0315821 B1 19931229**; BR 8805859 A 19890801; CA 1322327 C 19930921; DE 3738102 A1 19890518; DE 3738102 C2 20010906; DE 3886693 D1 19940210; JP H01153423 A 19890615; JP H0688577 B2 19941109; US 4918908 A 19900424

DOCDB simple family (application)

EP 88117720 A 19881025; BR 8805859 A 19881109; CA 582608 A 19881109; DE 3738102 A 19871110; DE 3886693 T 19881025; JP 28153388 A 19881109; US 26830488 A 19881107