

Title (en)

A machine and a process for packaging articles of products.

Title (de)

Maschine und Verfahren zum Verpacken von Waren.

Title (fr)

Machine et procédé pour emballer des articles de produits.

Publication

EP 0044820 A1 19820127 (EN)

Application

EP 81830115 A 19810714

Priority

IT 2359580 A 19800722

Abstract (en)

A machine and a process for packaging products by wrapping a stretchable transparent film of plastic material around the products placed in trays of different sizes. Trays (20) carrying the products are advanced transversally with respect to the plastic film (18) that unrolls from one or more supply rolls (11, 12, 41, 42) and is cut at prefixed and adjustable lengths and then further advanced to be centered over the tray. The machine carrying out the process includes a control unit performing portions of the packaging cycle that are common to every tray and portions of the cycle dependent upon the size of the tray. The sizes of a series of trays are preset by the operator, e.g. positioning a selecting device on one of the possible values that are provided by the machine. Moreover the machine provides for a plurality of film supply rolls (11, 12, 41, 42) mounted on both sides thereof and having different width for an alternating use so as to reduce the time for changing or replacing a film roll. Conveyor means for the film comprise elastic endless cords, movable on rolls transversally displaceable to fit the different film widths.

IPC 1-7

B65B 11/54

IPC 8 full level

B65B 11/54 (2006.01); **B65B 11/48** (2006.01); **B65B 45/00** (2006.01)

CPC (source: EP)

B65B 11/54 (2013.01)

Citation (search report)

- [A] CH 578971 A5 19760831 - PITTAUS ANSTALT
- [D] US 3662513 A 19720516 - FABBRI ERMANNO
- [AD] US 3967433 A 19760706 - BONFIGLIOLI SERGIO
- [A] US 3590907 A 19710706 - VILEN ERIK O
- [A] US 4064676 A 19771227 - KING GEORGE, et al

Cited by

FR2662662A1; EP0117517A3; EP0687238A4; ES2112131A1; US4887412A; EP0092759A3; CN102249015A; EP0092760A3; EP3659933A1; EP3257760A4; EP0086754A3; EP3587289A1; EP3587283A1; US10703578B2; WO2004000651A1; EP0092758B1; US10737895B2; US10781006B2; EP3093244B1; EP3093244B2

Designated contracting state (EPC)

CH DE FR GB LI NL SE

DOCDB simple family (publication)

EP 0044820 A1 19820127; ES 504165 A0 19830101; ES 8301808 A1 19830101; IT 1131751 B 19860625; IT 8023595 A0 19800722; JP S5755810 A 19820403

DOCDB simple family (application)

EP 81830115 A 19810714; ES 504165 A 19810721; IT 2359580 A 19800722; JP 11431781 A 19810721