

Title (en)
Machine for strapping articles

Title (de)
Maschine zum Umreifen von Packstücken

Title (fr)
Dispositif pour cercler des emballages

Publication
EP 0596303 B1 19960828 (DE)

Application
EP 93116739 A 19931016

Priority
DE 4237437 A 19921106

Abstract (en)
[origin: EP0596303A1] What is illustrated and described is a machine for the tying round of packages (10) with especially band-shaped tie-round means (13) which is introduced from a band stock (12) into a band-guide channel and is fed through the latter to a band-fastening unit (19), the band-guide channel being provided on a frame (22) which can be constructed from two essentially half frame parts (semi-frames (23, 24)) which are advanced out of the position of rest inwards relative to the package-supporting plane (20), are closed to form a frame in the tying-round plane (25) and, after a tying-round operation, are opened again and lowered into the position of rest. So that rapid machine sequences can be achieved, the semi-frames are closed by means of their advancing movement and, by means of their opening movement, are lowered and displaced transversely in relation to the tying-round plane, in such a way that they assume their position of rest next to machine parts (16) located in the tying-round plane (25). The advancing, the closing and opening and the lowering of the part frames can thus each take place synchronously. <IMAGE>

IPC 1-7
B65B 13/04

IPC 8 full level
B65B 13/14 (2006.01); **B65B 13/04** (2006.01); **B65B 13/18** (2006.01)

CPC (source: EP KR)
B65B 13/04 (2013.01 - EP); **B65B 13/06** (2013.01 - KR); **B65B 59/04** (2013.01 - KR)

Cited by
EP1243509A1; DE19652078A1; EP0847922A1; US6786026B2

Designated contracting state (EPC)
CH DE FR GB LI

DOCDB simple family (publication)
EP 0596303 A1 19940511; **EP 0596303 B1 19960828**; AU 4887793 A 19940519; AU 654630 B2 19941110; DE 4237437 A1 19940511; DE 59303563 D1 19961002; JP 2548081 B2 19961030; JP H0776308 A 19950320; KR 940011294 A 19940620; KR 970004743 B1 19970403; NZ 250129 A 19950427; TW 248549 B 19950601

DOCDB simple family (application)
EP 93116739 A 19931016; AU 4887793 A 19931008; DE 4237437 A 19921106; DE 59303563 T 19931016; JP 27599293 A 19931008; KR 930022274 A 19931026; NZ 25012993 A 19931104; TW 82109465 A 19931111