

Title (en)
BANDING MACHINE FOR PACKAGES

Publication
EP 0129117 B1 19870422 (DE)

Application
EP 84106163 A 19840530

Priority
CH 338683 A 19830621

Abstract (en)
[origin: US4554779A] A continuously driven endless belt trains about deflection rolls within a frame which surrounds a tunnel for the reception of the package which is to be strapped or tied with a ligature in the form of a plastic strap or band. Connectable with the revolting belt is a carriage which guides the plastic strap or band withdrawn from a supply roll along a prescribed path of travel about the tunnel. After each revolving motion of the plastic strapping band the carriage is again uncoupled from the endless belt at the region of a strap wrapping and connection unit, in order to transfer the starting portion of the strapping band which has been guided around the package to a strap or band closure device and, following the tensioning and cutting of such band, to engage a new starting band portion to accomplish the next strapping of the band about a new package. With such construction of the package strapping machine it is only necessary to again accelerate and brake the carriage which possesses low mass during each operating cycle of the machine, so that there is no need for any control device for the belt drive and there is possible an extremely high acceleration of the carriage for carrying the strapping band about the package.

IPC 1-7
B65B 13/10; **B65B 13/22**

IPC 8 full level
B65B 13/10 (2006.01); **B65B 13/22** (2006.01)

CPC (source: EP US)
B65B 13/10 (2013.01 - EP US); **B65B 13/22** (2013.01 - EP US)

Cited by
EP0303129A3; CN107719790A; WO2010012016A3

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0129117 A1 19841227; **EP 0129117 B1 19870422**; CH 659444 A5 19870130; DE 3463244 D1 19870527; JP S6013613 A 19850124; US 4554779 A 19851126

DOCDB simple family (application)
EP 84106163 A 19840530; CH 338683 A 19830621; DE 3463244 T 19840530; JP 12838084 A 19840621; US 62229084 A 19840619