

Title (en)

Method and device for tying single objects or stacks of objects

Title (de)

Verfahren und Vorrichtung zum Umreifen von einzelnen Gegenständen oder von Stapeln von Gegenständen

Title (fr)

Procédé et dispositif pour cercler des objets unitaires ou des piles d'objets

Publication

EP 0894721 B1 20030129 (DE)

Application

EP 98111566 A 19980624

Priority

CH 163197 A 19970704

Abstract (en)

[origin: EP0894721A1] The objects or stacks (S) are conveyed along a track to and from a wrapping position (U) where a lengthwise wrapper (2) tensions a first piece of wrapping material (A,A') which is then closed and cut off. A second, transverse piece of wrapping material (B) is wrapped round the object or stack by means of a transverse wrapper (3). A front (4) and back (5) press and stabiliser presses down and stabilises the object or stack. Two brake and guide mechanisms (22,22') consist of a pair of clamping jaws and a guide roller swivelling by means of a lever at right angles to the conveyor track. The transverse wrapping unit has a storage reel (31) for the second wrapping material, and a duct (32) into which the second wrapping material is inserted.

IPC 1-7

B65B 27/08

IPC 8 full level

B65B 27/08 (2006.01)

CPC (source: EP US)

B65B 27/08 (2013.01 - EP US)

Cited by

CH710406A1; EP2248721A1; DE102012112680A1; EP3056459A1; DE102012112680B4; DE102018117613A1; US7052006B2; WO2018114560A3; US6209449B1; US8943782B2

Designated contracting state (EPC)

CH DE GB IT LI NL SE

DOCDB simple family (publication)

EP 0894721 A1 19990203; EP 0894721 B1 20030129; AU 7397698 A 19990114; AU 744393 B2 20020221; CA 2242120 A1 19990104; CA 2242120 C 20070904; DE 59807047 D1 20030306; US 6085487 A 20000711

DOCDB simple family (application)

EP 98111566 A 19980624; AU 7397698 A 19980701; CA 2242120 A 19980703; DE 59807047 T 19980624; US 10905998 A 19980702