

Title (en)
BANDING A STACK OF ARTICLES

Title (de)
BANDEROLIEREN EINES PACKGUTSTAPELS

Title (fr)
BANDEROLAGE D'UNE PILE D'OBJETS

Publication
EP 1922253 A1 20080521 (DE)

Application
EP 06761296 A 20060823

Priority
• CH 2006000455 W 20060823
• CH 14382005 A 20050905

Abstract (en)
[origin: WO2007028262A1] The invention relates to a method and to a device for banding a stack of products which are to be stacked (52). A band (22) is unwound from a store roll of a band machine (10) and a loop (62) is formed for the stack of products which is to be stacked (52), by means of a band insertion/withdrawal unit (39). After the free end of the band is fixed in a return device and the band (22) is pulled to the stack of products which is to be stacked, the free end is stuck or welded and the pulled loop (62) is cut. In a program-controlled, continuous process and prior to changing the band, the end of the band (22) of a first band roll (18) is detected and the remainder of the band (22) is retracted. Then, the band (22) threaded into the band store (25) of a second complete band roll (20) is inserted into the band insertion/withdrawal unit (39) and the band continuous with delay. The end of the totally automatic band exchange is optically and/or acoustically displayed and the roll can change without pressure.

IPC 8 full level
B65B 13/18 (2006.01)

CPC (source: EP US)
B65B 13/18 (2013.01 - EP US); **B65B 13/184** (2013.01 - EP US)

Citation (search report)
See references of WO 2007028262A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007028262 A1 20070315; AT E444897 T1 20091015; CA 2620998 A1 20070315; CA 2620998 C 20130416; CH 698112 B1 20090529; DE 502006005047 D1 20091119; EP 1922253 A1 20080521; EP 1922253 B1 20091007; JP 2009506954 A 20090219; JP 4988739 B2 20120801; US 2008216449 A1 20080911

DOCDB simple family (application)
CH 2006000455 W 20060823; AT 06761296 T 20060823; CA 2620998 A 20060823; CH 14382005 A 20050905; DE 502006005047 T 20060823; EP 06761296 A 20060823; JP 2008528311 A 20060823; US 6573106 A 20060823