

Title (en)  
Device for banding a packed good unity

Title (de)  
Vorrichtung zum Banderolieren einer Packguteinheit

Title (fr)  
Dispositif pour banderoler une unité de marchandise

Publication  
**EP 1174343 B1 20041020 (DE)**

Application  
**EP 01116301 A 20010705**

Priority  
DE 20011854 U 20000710

Abstract (en)  
[origin: US2002007617A1] A package is wrapped with foil by forming a curtain of two foils pulled from respective supplies with the curtain extending transversely across a conveyor path at a wrapping station and displacing a package to be wrapped in a forward transport direction along the path into engagement with the curtain and through the station so that the foils extend downstream past the package. Then a pair of double-weld beams are moved together on opposite sides of the foils downstream of the station to press and weld the foils together downstream of the package while at the same time the package and beams are relatively displaced in the direction toward each other as the beams are moved together to reduce tension in the foils created by inward movement of the beams.

IPC 1-7  
**B65B 9/02**

IPC 8 full level  
**B65B 9/02** (2006.01); **B65B 11/00** (2006.01)

CPC (source: EP KR US)  
**B65B 9/026** (2013.01 - EP US); **B65B 11/00** (2013.01 - KR)

Cited by  
EP2251267A1; CZ299980B6; WO2010130552A1; EP2130771A1; EP2452881A1; DE202009008596U1; EP2130771B1; EP2130771B2

Designated contracting state (EPC)  
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**US 2002007617 A1 20020124; US 6532719 B2 20030318**; AT E280081 T1 20041115; BR 0103005 A 20020305; BR 0103005 B1 20090505; CA 2352721 A1 20020110; CA 2352721 C 20090407; CN 1191180 C 20050302; CN 1333164 A 20020130; CZ 20012500 A3 20020213; CZ 299980 B6 20090114; DE 20011854 U1 20011122; DE 50104181 D1 20041125; DK 1174343 T3 20041227; EP 1174343 A1 20020123; EP 1174343 B1 20041020; EP 1174343 B9 20050309; ES 2231350 T3 20050516; HU 0102848 D0 20010928; HU P0102848 A2 20020529; HU P0102848 A3 20030528; KR 20020005509 A 20020117; MX PA01007007 A 20041110; PL 199126 B1 20080829; PL 348489 A1 20020114; SK 285509 B6 20070301; SK 9622001 A3 20020205

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**US 90146401 A 20010709**; AT 01116301 T 20010705; BR 0103005 A 20010710; CA 2352721 A 20010709; CN 01122478 A 20010710; CZ 20012500 A 20010710; DE 20011854 U 20000710; DE 50104181 T 20010705; DK 01116301 T 20010705; EP 01116301 A 20010705; ES 01116301 T 20010705; HU P0102848 A 20010709; KR 20010041077 A 20010710; MX PA01007007 A 20010710; PL 34848901 A 20010706; SK 9622001 A 20010706