

Title (en)  
Device for banderoling a package goods unit with a shrinkable banderole

Title (de)  
Vorrichtung zum Banderolieren einer Packguteinheit mit einer Schrumpffolienbanderole

Title (fr)  
Dispositif pour banderoler une unité de marchandises avec une banderole rétractable

Publication  
**EP 1029786 B1 20050504 (DE)**

Application  
**EP 00102609 A 20000208**

Priority  
DE 29902910 U 19990219

Abstract (en)  
[origin: US6474051B1] An apparatus for wrapping a stacked-good unit with a shrink-foil wrap with a frame forming a portal, with a conveyor extending through this portal for the stacked-good unit, with drivable shrink-foil rolls whose foil webs are connected together at their ends and form a shrink-foil curtain in the portal and double-weld beams movable opposite one another and arranged on both sides of the portal. To facilitate replacement of the shrink-foil webs, the axes of the shrink-foil rolls extend horizontally and rerouting devices are provided for the coil webs running to the curtain from the shrink foil rolls.

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

IPC 8 full level  
**B65B 9/02** (2006.01); **B65B 11/02** (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; FR2869293A1; RU191228U1; EP1357031A3; RU2494934C2; DE202013101316U1; WO2010130552A1; EP2130771A1; DE202009008596U1; US6892515B2; EP3326924B1; EP2130771B1; EP2130771B2

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**US 6474051 B1 20021105**; AT E294734 T1 20050515; BR 0000651 A 20000926; CA 2298949 A1 20000819; CA 2298949 C 20060725; CN 1167580 C 20040922; CN 1268467 A 20001004; CZ 2000556 A3 20010117; CZ 296189 B6 20060111; DE 29902910 U1 20000330; DE 50010201 D1 20050609; DK 1029786 T3 20050822; EP 1029786 A2 20000823; EP 1029786 A3 20011017; EP 1029786 B1 20050504; ES 2241514 T3 20051101; HU 0000529 D0 20000428; HU 224172 B1 20050628; HU P0000529 A2 20000828; HU P0000529 A3 20011228; KR 100391238 B1 20030712; KR 20010029567 A 20010406; PL 192668 B1 20061130; PL 338436 A1 20000828; SK 2242000 A3 20000912; SK 285336 B6 20061103; TR 200000448 A2 20010321

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**US 50775800 A 20000218**; AT 00102609 T 20000208; BR 0000651 A 20000218; CA 2298949 A 20000218; CN 00102276 A 20000218; CZ 2000556 A 20000216; DE 29902910 U 19990219; DE 50010201 T 20000208; DK 00102609 T 20000208; EP 00102609 A 20000208; ES 00102609 T 20000208; HU P0000529 A 20000207; KR 20000007706 A 20000218; PL 33843600 A 20000215; SK 2242000 A 20000218; TR 200000448 A 20000218