

Title (en)

Device for tying a package with a strap.

Title (de)

Vorrichtung zum Umreifen eines Packgutes mittels eines Bandes.

Title (fr)

Dispositif pour cercler un paquet avec une bande.

Publication

EP 0545105 B1 19950531 (DE)

Application

EP 92119169 A 19921109

Priority

DE 4139571 A 19911130

Abstract (en)

[origin: EP0545105A1] What is described is a device for tying a package (8) by means of a band (19) in a tying plane (5) extending in the conveying direction (4). The band-guide channel (7) has two portions (10, 13) which are located on opposite sides of the tying plane (5) and are each at such a large distance from the tying plane (5) that they do not impede the conveying movement of the package (8). The portions (10, 13) are connected to one another on opposite sides of the package (8) by means of further portions (9, 11 and 12) which pass through the tying plane (5). In a position rotated through 90 DEG , in which the tying plane (5) is parallel to the conveying plane (1), the arrangement can also work as a horizontal tying device. <IMAGE>

IPC 1-7

B65B 13/06; **B65B 27/08**

IPC 8 full level

B65B 27/08 (2006.01); **B65B 13/06** (2006.01); **B65B 13/08** (2006.01)

CPC (source: EP US)

B65B 13/06 (2013.01 - EP US)

Cited by

DE102004027730A1; DE102006038319A1; DE102006038319B4; US7150222B2; WO2008019990A1

Designated contracting state (EPC)

CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0545105 A1 19930609; **EP 0545105 B1 19950531**; DE 4237787 A1 19930603; DE 59202402 D1 19950706; JP 3348889 B2 20021120; JP H05294316 A 19931109; US 5373686 A 19941220

DOCDB simple family (application)

EP 92119169 A 19921109; DE 4237787 A 19921109; DE 59202402 T 19921109; JP 31896392 A 19921127; US 98296392 A 19921130