

Title (en)  
Device for strapping goods

Title (de)  
Vorrichtung zum Umreifen von Packgut

Title (fr)  
Dispositif pour cercler des marchandises emballées

Publication  
**EP 0695687 B1 19981230 (DE)**

Application  
**EP 95107013 A 19950509**

Priority  
DE 4420912 A 19940616

Abstract (en)  
[origin: EP0695687A2] The strap is moved by an in-feed through channels in a frame inside which the material to be strapped is placed. The top traverse of the frame, in which the bundle is placed, is lowered onto the material to be strapped to compress it. The system which connects the ends of the strap is mounted on top of the traverse. Because the path, over which the strap is moved, is long, an additional set of drive rollers is provided. The rollers move the strap by friction. The axes (40,41) of the rollers (38,39) lie either side of the strip in a plane at right angles to the plane of the strap. One of the rollers is spring-loaded against the side of the strap and can be swung clear from the strap.

IPC 1-7  
**B65B 13/06**

IPC 8 full level  
**B65B 13/06** (2006.01); **B65B 13/18** (2006.01)

CPC (source: EP)  
**B65B 13/18** (2013.01)

Cited by  
US5809873A; US6038967A; US6415712B1; US6640700B2; US6782679B2

Designated contracting state (EPC)  
CH DE FR GB IT LI

DOCDB simple family (publication)  
**DE 4420912 A1 19951221**; DE 59504670 D1 19990211; EP 0695687 A2 19960207; EP 0695687 A3 19960313; EP 0695687 B1 19981230

DOCDB simple family (application)  
**DE 4420912 A 19940616**; DE 59504670 T 19950509; EP 95107013 A 19950509