

Title (en)  
MACHINE FOR TYING PACKAGES

Publication  
**EP 0303129 A3 19900117 (DE)**

Application  
**EP 88112399 A 19880730**

Priority  
DE 3726504 A 19870808

Abstract (en)  
[origin: EP0303129A2] The machine is intended for the tying of packages, in particular with a thermoplastic strip as the tying means, and comprises a store for the tying means in which a movable group of deflection rollers can be moved not only inside its actual storage arrangement for the tying means but can also be moved along roller supports beyond the second group of rollers to a position for the introduction of the tying means by virtue of a comb-like arrangement of the rollers, in which position the two groups of rollers provide a continuous clearance in order to guide through the tying means and the store for said tying means is automatically formed with the relevant roller support being guided back into the said storage position of the tying means.

IPC 1-7  
**B65B 13/18**

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

CPC (source: EP)  
**B65B 13/184** (2013.01)

Citation (search report)  
• [YD] EP 0129117 A1 19841227 - STRAPEX AG [CH]  
• [Y] EP 0135061 A1 19850327 - BENDIG JOHANNES [DE], et al  
• [A] DE 606378 C 19341130 - GEORGES ROUILLER  
• [A] FR 1499357 A 19671027 - SP KB PROEKT KRASILNOOTDELOCHN  
• [A] FR 1531593 A 19680705 - ANDRIESSEN TECH NV  
• [A] PATENT ABSTRACTS OF JAPAN, Band 9, Nr. 73 (M-368)[1796], 3. April 1985; & JP-A-59 203 046 (NIHON HAA K.K.) 17-11-1984

Cited by  
NL2015588B1; US6332585B1; EP1382531A1; EP1489006A3; FR2717771A1; CN113650838A; CN109094846A; CN111152960A; US7318308B2; WO2017061866A1; WO2010012016A3; US10745157B2; WO2024136656A1

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