

Title (en)

Manual tying device for tying packets by means of steel band

Title (de)

Handbetätigtes Umreifungsgerät zur Umreifung von Packgut mit einem Stahlband

Title (fr)

Dispositif de cerclage manuel pour lier des paquets avec une bande en acier

Publication

EP 1260441 B1 20040811 (DE)

Application

EP 02405406 A 20020521

Priority

CH 9462001 A 20010521

Abstract (en)

[origin: EP1260441A1] The strapping device has a base plate with bearing face for mounting on packed goods and has a closing device and tensioner. The tensioner has a hand-operated lever for operating a tension wheel and an axial coupling (44) is provided in a force flow running from the tension lever (39) to the tension wheel (38). The axial coupling can have two coupling parts (44a, 44b) which can be brought in and out of engagement and which each have several geometrically predetermined segments.

IPC 1-7

B65B 13/30; **B65B 13/22**

IPC 8 full level

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CPC (source: EP US)

B65B 13/22 (2013.01 - EP US); **B65B 13/305** (2013.01 - EP US)

Cited by

US11667418B2; US7249729B2; US7431235B2

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EP 1260441 A1 20021127; **EP 1260441 B1 20040811**; AT E273166 T1 20040815; AU 4241902 A 20021128; AU 764769 B2 20030828; CA 2386714 A1 20021121; CA 2386714 C 20071030; CN 1214945 C 20050817; CN 1386676 A 20021225; DE 50200781 D1 20040916; JP 2003011911 A 20030115; MX PA02005050 A 20030820; NZ 519012 A 20031031; TW 528701 B 20030421; US 2002179174 A1 20021205; US 6729357 B2 20040504

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