

Title (en)
Device for introducing a strap in a strapping machine

Title (de)
Bandschiebeeinrichtung einer Umreifungsmaschine

Title (fr)
Dispositif pour introduire un lien dans une machine de cerclage

Publication
EP 0894718 B1 20030416 (DE)

Application
EP 98113065 A 19980714

Priority
CH 180797 A 19970728

Abstract (en)
[origin: EP0894718A1] The arrangement has an envelope drive with only one envelope element or V-belt (13) with its surface passing over two wheels, at least one a drive wheel able to be driven by a motor to drive the V-belt. The band (2) is pressed against the surface of the V-belt by a pressure roller to generate friction between the band and V-belt which moves the band in one direction. The pressure roller is deployed where the envelope element passes round one of the wheels and presses the V-belt against the wheel. The direction of rotation of the V-belt can be reversed so that the band can be moved in feed and tensioning directions. A clamp wheel (26) opposite the outer surface of the V-belt applies band tension to the V-belt during a band tension phase.

IPC 1-7
B65B 13/22

IPC 8 full level
B65B 13/22 (2006.01)

CPC (source: EP US)
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Cited by
EP2077231A1; CN103743518A; CN103762042A; CN105667864A

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EP 0894718 A1 19990203; EP 0894718 B1 20030416; CA 2243921 A1 19990128; CA 2243921 C 20011225; DE 59807937 D1 20030522; ES 2196431 T3 20031216; US 6041581 A 20000328

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EP 98113065 A 19980714; CA 2243921 A 19980727; DE 59807937 T 19980714; ES 98113065 T 19980714; US 12328598 A 19980728