

Title (en)
Method and device for delivering a strapping tape

Title (de)
Verfahren und Vorrichtung zur Bandförderung

Title (fr)
Méthode et dispositif pour délivrer un ruban à cercler

Publication
EP 0524134 B1 19961227 (DE)

Application
EP 92810248 A 19920402

Priority
CH 129491 A 19910430

Abstract (en)
[origin: EP0524134A2] The tape-delivering device has two separate tape stores, i.e. a forward tape store (10.1) and a reverse tape store (10.2). The two stores take the form of chambers which can accommodate a specific quantity of tape material in a controllable fashion. The stores are filled and emptied by the co-ordinated interaction of a buffer separator (3) and delivery rollers (17.1, 17.2). The buffer separator (3) blocks the passage of the tape upstream of the feed/outlet apertures of the two tape stores (20.1, 20.2), therefore causing the tape to bulge into the storage spaces. Filling of at least the forward tape store is preferably supported by a delivery device (11). The required delivery of tape material can be precisely determined during prestorage by means of sensors. <IMAGE>

IPC 1-7
B65B 13/18

IPC 8 full level
B65B 13/18 (2006.01)

CPC (source: EP US)
B65B 13/18 (2013.01 - EP US)

Cited by
EP3006351A4; WO2009087216A3; WO2024136657A1; US10752389B2

Designated contracting state (EPC)
CH DE GB IT LI NL SE

DOCDB simple family (publication)
EP 0524134 A2 19930120; EP 0524134 A3 19930804; EP 0524134 B1 19961227; DE 59207751 D1 19970206; US 5236329 A 19930817

DOCDB simple family (application)
EP 92810248 A 19920402; DE 59207751 T 19920402; US 87280892 A 19920424