

Title (en)

Method and apparatus for placing bands around articles

Title (de)

Verfahren und Vorrichtung zum Aufbringen von Bändern auf Gegenstände

Title (fr)

Procédé et dispositif pour placer des bandes autour d'articles

Publication

**EP 0763498 B1 20031126 (EN)**

Application

**EP 96114633 A 19960912**

Priority

- US 52901795 A 19950915
- EP 96114633 A 19960912

Abstract (en)

[origin: EP0763498A1] Apparatus (20) for banding articles (140) with plastic bands (29) torn off from plastic tubing (2') having transverse perforations (27) equispaced along the plastic tubing at predetermined intervals L, comprising a floating mandrel (50), feed rollers (56), sets of freely-rotatable upper and lower suspension rollers (58,59) mounted inside of the mandrel, the feed rollers in cooperation with their respective sets of opposed suspension rollers serving dual functions of suspending the mandrel and also of feeding the perforated tubing, continuously rotating tearoff rollers (62) for tearing off from the opened perforated tubing at the transverse perforations successive plastic bands of length L, and push-off means (76,84) for pushing torn-off bands downstream along the mandrel and ejecting them onto the articles. <IMAGE>

IPC 1-7

**B67B 5/03**

IPC 8 full level

**B65B 9/10** (2006.01); **B67B 5/03** (2006.01)

CPC (source: EP)

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Cited by

DE102014216187A1; CN106495077A; CN111959842A; CN106458348A; CN107497713A; WO2011031160A1; US11466735B2; WO2016023639A1; US11137035B2; US11480221B2

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