

Title (en)

Apparatus for packaging articles of different thickness

Title (de)

Vorrichtung zum Verpacken von Gegenständen unterschiedlicher Dicke

Title (fr)

Machine pour emballer des articles d'épaisseur différente

Publication

**EP 0870678 A1 19981014 (EN)**

Application

**EP 98201040 A 19980402**

Priority

NL 1005750 A 19970407

Abstract (en)

A packing apparatus for packing mail items, magazines, books, CDs and like products composed of one or more layers, comprising a product-assembling path (1), a product-positioning station (10), a folding station (2), the product-positioning station comprising an upper and a lower speed-influencing element (12) intended for engaging a bottom side and a top side respectively of the product to be packed, wherein upstream of the product-positioning station (10), a sensor (13) is provided by means of which the height of a product is determined, the product-positioning station (10) comprising an actuator (14) by means of which the mutual distance between the upper and the lower speed-influencing element (11,12) is continuously settable, a control being provided to which the sensor (13) and the actuator (14) are connected, the control being arranged so that the distance between the upper and the lower speed-influencing element always corresponds to the height of the product to be packed when this product to be packed arrives at the product-positioning station (10). <IMAGE>

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**B65B 9/06**; **B65B 25/14**; **B65B 57/16**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [DA] EP 0685417 A1 19951206 - BUHRS ZAANDAM BV [NL]
- [A] US 5255495 A 19931026 - KOVACS LLOYD [US]

Cited by

NL2023321B1; EP1591364A1; US6955029B2; EP1321367A1; EP1319595A1; NL1019545C2; EP1621461A1; NL1026563C2; EP1491448A1; NL1023745C2; US6860086B2; US7328545B2; US6938393B2; US7089711B2; NL1021193C2; EP3753747A3; US7263815B2; NL1011657C2; EP3753747A2; US11401062B2

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