

Title (en)

Modular folder unit for sheet folder-gluer apparatus

Title (de)

Modularer Falzapparat für eine Falt- und Zusammenklebemaschine

Title (fr)

Dispositif modulaire de pliage dans une machine plieuse-colleuse d'éléments en plaque

Publication

**EP 0764518 B1 20000126 (FR)**

Application

**EP 96114939 A 19960918**

Priority

CH 267295 A 19950921

Abstract (en)

[origin: EP0764518A1] The folder has two drive belts (40, 50), one with an upper twisted section (a) for folding, and the other with a lower flat section (a'). It is installed adjacent to an adhesive applicator with a wheel rotated by a shaft, and is in the form of a detachable module (100) with connectors for attaching to the folding machine frame. It has one or two driving drums (30) which control the trajectory of the belts and have couplings (32) for attaching them to the adhesive applicator wheel drive shaft. The module comprises a main vertical support with connectors on its outer face for attaching to the machine frame, and with the pulleys or drive drums on its inner face. The support also has an extension (21) for the twisted section of the belt (40) and a gripper and/or lifter (26) on its upper edge.

IPC 1-7

**B31B 1/58**; **B31B 5/36**

IPC 8 full level

**B65H 37/06** (2006.01); **B31B 5/36** (2006.01); **B31B 50/00** (2017.01); **B31B 50/58** (2017.01); **B31B 50/62** (2017.01); **B65H 45/04** (2006.01); **B65H 45/30** (2006.01); **B31B 100/00** (2017.01); **B31B 120/30** (2017.01)

CPC (source: EP US)

**B31B 50/00** (2017.07 - EP US); **B31B 50/005** (2017.07 - EP US); **B31B 50/58** (2017.07 - EP US); **B31B 50/624** (2017.07 - EP US); **B31B 2100/00** (2017.07 - EP US); **B31B 2100/0022** (2017.07 - EP US); **B31B 2120/30** (2017.07 - EP US)

Cited by

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AT BE DE ES FR GB IT NL SE

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**EP 0764518 A1 19970326**; **EP 0764518 B1 20000126**; AT E189159 T1 20000215; CH 691118 A5 20010430; DE 69606367 D1 20000302; DE 69606367 T2 20000615; ES 2143119 T3 20000501; JP 3224200 B2 20011029; JP H09124229 A 19970513; KR 100242141 B1 20000302; TW 459652 U 20011011; US 5762597 A 19980609

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