

Title (en)

Apparatus for cutting lengths of a backlining and assembling it with top layer for the mechanical production of book backs

Title (de)

Vorrichtung zum Ablängen von Abschnitten einer Rückeneinlage und Zusammenführen mit Deckenpappen für das maschinelle Herstellen von Buchdecken

Title (fr)

Dispositif pour tronçonner des pièces de dos et assemblage avec des cartons de couvertures pour la fabrication mécanique de couvertures de livres

Publication

**EP 0631957 B1 20000823 (DE)**

Application

**EP 94107674 A 19940518**

Priority

DE 4321890 A 19930701

Abstract (en)

[origin: EP0631957A2] The invention relates to an apparatus for cutting lengths of a backlining running off from a stock roll and for assembling it in an exact position together with supplied cover boards in a roll-on device for the mechanical production of book covers, having a pair of cut-length transport rollers for drawing the backlining forwards and positioning it in a cutting device, and having a series of pairs of lead-in rollers for conveying the backlining cut-to-length through a transport channel into the roll-on device. To achieve very high cutting accuracy and for assembling the backlining and cover board in an exact position, provision is made for the pair of cut-length transport rollers (3) and the pairs of lead-in rollers (4-6) to be drivable intermittently by a common regulating servomotor (12) and, after a specific draw-off length of the backlining (1) has been obtained, for the cut-length transport rollers (3a, 3b) to be capable of being brought into an ineffective state, and for the cutting device (9) to be assigned a clamping device holding the backlining (1). Arranged in the apparatus are, furthermore, control means (14, 17) for positioning the cut-to-length backlining (1) in a stand-by position in the transport channel (2) and for releasing the cut-to-length backlining (1) in time synchronism with the intermittently supplied cover boards (1a). <IMAGE>

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IPC 8 full level

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CPC (source: EP US)

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Cited by

EP1918122A3; EP2065212A3; CN107128724A; DE102006027903A1; EP1892117A3; DE102006027903B4; DE10057600A1; DE10057600B4; CN112536839A; US8056457B2; US6769676B2; EP1892117A2; US7862018B2

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