

Title (en)
Method for the optimization of the operating efficiency of a folding machine

Title (de)
Verfahren zur Optimierung der Betriebsleistung einer Falzmaschine

Title (fr)
Procédé pour optimiser le rendement d'exploitation d'une machine de pliage

Publication
EP 0732293 B1 20020130 (DE)

Application
EP 96104141 A 19960315

Priority
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Abstract (en)
[origin: EP0732293A2] The automated process is used for the folding of sheet material to create envelopes or folders. The individual sheets of material are extracted from a stack by a suction roller Ä16Ü and are fed in sequence by a conveyor Ä11Ü to a station Ä12Ü where folds are made to form the pocket part. A further station receives the part formed product and carries out the forming of the flap. The spacing of the continuously fed sheets is closely controlled and for this purpose a number of sensors ÄB1-B7Ü are used to monitor different stages in the cycle. Some of the sensors are edge detectors ÄB2, B4, B6, B7Ü. The sensor signals are received by the controller Ä10Ü to obtain a minimum distance between successive sheets.

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CPC (source: EP)
B65H 45/00 (2013.01); **B65H 2511/22** (2013.01); **B65H 2511/514** (2013.01); **B65H 2513/50** (2013.01)

Cited by
DE102016203043A1; DE102016203043B4; EP0933321A3; DE10059271A1; EP1854753A1; DE102006021901A1; DE102006021901B4; DE19860070A1; DE19747997A1; US6086522A; EP0913352A3; EP1013589A3; US6641514B1; WO2023194874A1

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