Title (en)

PACKAGING METHOD AND PACKAGING AUTOMAT FOR ENVELOPES FOR LETTERS AND EXPEDITION BAGS

Publication

EP 0271042 B1 19930310 (DE)

Application

EP 87118061 A 19871207

Priority

DE 3641859 A 19861208

Abstract (en)

[origin: US4879862A] In the process of packaging letter envelopes and mailing wallets, the packaging batch is counted in the end region of the production machine, and the individual article of the packaging batch corresponding to the specific batch size is at least identified or optionally pushed a certain distance sideways out of the path of movement of the packaging batch in one direction or the other as a counting article. The packaging batch is deposited on a conveyor belt and conveyed away. A stack support keeps the stack approximately vertical on its end face. The stack support is advanced in front of the stack at the conveying speed of the conveyor belt. As soon as the counting article at the end of a stack has arrived at a transfer point which is at a relatively long distance from the production machine, a separating device is introduced into the stack, with the result that the following portion of the packaging batch is temporarily halted. During this time, the separated stack is pushed, at the same height, into an open container via a slide track. Subsequently, the stack support is guided back to the separation point, and the separating device is retracted from the end face of the following packaging batch, after which the stack support once again takes over the vertical guidance of the packaging batch, until the next counting article has arrived at the separation point. The automatic packaging machine for letter envelopes and mailing wallets has several devices, by means of which the individual steps of the process are executed partly alone and partly in combination with one another.

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B65B 25/14; B65H 33/02

IPC 8 full level

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CPC (source: EP US)

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Cited by

EP0506606A1; DE102009015047A1; CN103771177A; CN104590612A; EP3590850A1; KR20200003720A; US11130599B2; WO2015058738A1; US9114952B2; US10308380B2

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