

Title (en)

Flap folding device of a wrapping machine.

Title (de)

Klappenfaltvorrichtung für eine Verpackungsmaschine.

Title (fr)

Dispositif de pliage d'un rabat dans une machine d'emballage.

Publication

EP 0646526 A1 19950405 (EN)

Application

EP 94100044 A 19940104

Priority

JP 24519293 A 19930930

Abstract (en)

Side folding guides 1 approach side flaps A2 to hit a hitting part 1a against closed side faces B2, B2 of a wrapped body of a content B, thereby pressing a body wrapping part A7 near the base end of side flaps A2 facing the closed side faces B2, B2 against the closed side faces B2, B2; and subsequently the middle part of the side folding guides 1 make a quarter turn while tracing a corner B3 continued to the closed sides B2, B2, and therefore the base end of the side flaps A2 are folded along the corners B3 while being pulled toward the forward end thereof, and, at the same time, are pressed by folding parts 1c against the open sides B1, B1 through the entire length from the base end to forward end of the side flaps A2. Fig. 4 Input means Computing means Comparing means Control means Fig. 5 Keypad Sheet feed start sw Wrapping start sw Wrapping changeover sw Input interface Output interface Driving unit of tape applying mechanism Driving unit of sheet feeding mechanism Driving unit of compression plates Driving unit of body wrapping sheet guide Driving unit of pusher Driving unit of side-folding guide Driving unit of up-folding guide Fig. 6 Read width W, length L & length SL Calculate end length $F=(SL-L)/2$ Is body wrapping finished? Output of normal folding signal Is body wrapping finished? Output of overlap folding signal <IMAGE>

IPC 1-7

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IPC 8 full level

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Citation (search report)

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