

Title (en)
METHOD FOR THE APPLICATION OF SELF-ADHESIVE LABELS

Title (de)
VERFAHREN ZUM AUFBRINGEN SELBSTKLEBENDER ETIKETTEN

Title (fr)
PROCEDE D'APPLICATION D'ETIQUETTES AUTOCOLLANTES

Publication
EP 1409351 B1 20050921 (DE)

Application
EP 02762222 A 20020719

Priority
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Abstract (en)
[origin: DE10136294A1] To apply self-adhesive labels (16) by a controlled application/pressure drum (17), on to flat items (20) on a conveyor, the acceleration time is computed off-line to bring the application drum speed up to the mean conveying speed of the items to be labeled. Sensors time the movement of the leading edge of each item at two successive points, to give the start time for the application drum acceleration to meet the expression $t_5 = t_4 + (t_4 - t_3) \cdot \frac{(x_6 - x_4)}{(x_4 - x_3)} - T_{Tr}$. x_3 and x_4 are the positions of the first and second sensor units; x_6 the time where the leading label edge meets the item; t_3 and t_4 the timings of the leading item edge at the sensors; t_5 the drum acceleration start time; T_{Tr} the drum acceleration time to bring the label speed on its surface to the mean item conveying speed.

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B65C 9/18; **B65C 9/42**

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