

Title (en)

Method for automatic splicing of two tapes bearing self-adhesive labels and device for performing this method

Title (de)

Verfahren zum automatischen Splissen von zwei mit selbstklebenden Haftetiketten beschichteten Etikettenbändern und Vorrichtung zur Durchführung des Verfahrens

Title (fr)

Méthode pour rabouter automatiquement deux bandes d'étiquettes auto-adhésives et dispositif pour mettre en oeuvre cette méthode

Publication

EP 0758621 A3 19980429 (DE)

Application

EP 96113035 A 19960813

Priority

DE 19529866 A 19950814

Abstract (en)

[origin: EP0758621A2] The two label tapes are spliced together using a laminated adhesive tape. A new label tape (7) is moved with its front end into a stationary waiting position, until at least one label has been removed at its front. The old label tape (4), which is almost used-up, is loosened off the winding core, is fixed to the adhesive layer of the adhesive tape in a rated breaking point, and is moved past the front end of the new tape, so that an adhesive overlapping connection is formed. The adhesive connection is originated by using a component having a relay effect, which has a signal receiver. This reacts to a variation in or more of the characteristics of the label tape passing through it.

IPC 1-7

B65H 19/10; **B65H 19/18**

IPC 8 full level

B65H 19/10 (2006.01); **B65H 19/18** (2006.01)

CPC (source: EP)

B65H 19/102 (2013.01); **B65H 19/1831** (2013.01); **B65H 2301/46014** (2013.01); **B65H 2301/46075** (2013.01); **B65H 2511/512** (2013.01); **B65H 2553/41** (2013.01); **B65H 2701/192** (2013.01)

Citation (search report)

- [A] US 4417940 A 19831129 - KOSTER HARRY D [US]
- [A] GB 1140401 A 19690122 - SIG SCHWEIZ INDUSTRIEGES
- [A] DE 1233686 B 19670202 - BENZ & HILGERS G M B H
- [A] GB 2189226 A 19871021 - PORTALS ENG LTD
- [A] DE 3923163 A1 19910117 - KRONSEDER MASCHF KRONES [DE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 6, no. 263 (M - 181)<1141> 22 December 1982 (1982-12-22)

Cited by

FR2815952A1; EP1209108A1; GB2405866A; AT500401A3; GB2405866B; AT500401B1; CN111532847A; US7138033B2; DE102021104284B3; DE202021105319U1; WO2024061507A1

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DOCDB simple family (application)

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