

Title (en)
Tape splicing device

Title (de)
Vorrichtung zum Verbinden von Bändern

Title (fr)
Dispositif de raccordement de bande

Publication
EP 1010653 A1 20000621 (EN)

Application
EP 98123910 A 19981216

Priority
EP 98123910 A 19981216

Abstract (en)
The automatic splicing device has a base plate (3) supporting a first reel (1) and a second reel (2) storing primary (1a) and secondary (2a) opaque pull-tab strips, and rollers for guiding a primary pull-tab strip from the first reel (1) to a packaging machine. An infeed device (9) is mounted on the plate (3) downstream of the second reel (2) for retaining an end portion of the secondary pull-tab strip (2a) at a first location, and a clamp retains a translucent heat sealable patch (101) in a second location at a sealing unit (104). A strip cutting unit (11) and a pressure and cutting unit (13) are movably mounted on the plate (3) downstream of the infeed device (9) for cutting the primary pull-tab strip (1a) at a third location, spaced from the first location. The pressure and cutting unit is activated for applying the translucent patch extending across the gap between the ends of the opaque pull-tab strips to form an optically detectable window indicative of the splice position. <IMAGE>

IPC 1-7
B65H 19/10; **B65H 19/18**; **B65H 21/00**; **B65H 26/02**

IPC 8 full level
B65H 19/18 (2006.01)

CPC (source: EP)
B65H 19/1852 (2013.01); **B65H 19/1873** (2013.01); **B65H 2301/46018** (2013.01); **B65H 2301/4634** (2013.01); **B65H 2801/69** (2013.01)

Citation (search report)
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• [AY] DE 19618175 C1 19970724 - MULTIVAC HAGGENMUELLER KG [DE]
• [A] EP 0668213 A2 19950823 - KLIKLOK CORP [US]
• [YA] PATENT ABSTRACTS OF JAPAN vol. 014, no. 196 (M - 0964) 20 April 1990 (1990-04-20)

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AT CH DE DK ES FR GB IT LI NL PT SE

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EP 1010653 A1 20000621; **EP 1010653 B1 20040331**; AT E263110 T1 20040415; DE 69822847 D1 20040506

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