

Title (en)

Adhesive paper sealing machine for parallelepiped boxes with turn-down flaps.

Title (de)

Siegelmaschine zur Verwendung von Klebestreifen aus Papier für quaderförmige Schachteln mit umfaltbaren Verschlussklappen.

Title (fr)

Machine de scellage de papier adhésif pour boîtes parallélépipédiques avec des volets rabattables.

Publication

**EP 0647563 A1 19950412 (EN)**

Application

**EP 94202905 A 19941007**

Priority

IT MI932156 A 19931012

Abstract (en)

The sealing machine comprises at least one taping device (11) comprising a unit (17) for supporting a roll (14) of tape (13) of adhesive paper, a unit (21) for feeding the tape (13) and a contrasting unit (22) co-operating with the unit (21) feeding the tape (13); the machine also comprises sensor means (M1, M2) for the activation and disactivation of the feeder unit (21) and of the contrasting unit (22). The roll (14) is mounted in the supporting unit (17) in a freely rotatable manner so that, following the activation and subsequent disactivation of the feeder unit (21) and of the contrasting unit (22) for unwinding the initial section (T) of the tape (13) from the roll (14), the roll (14) continues its rotation due to inertia so as to obtain, between the supporting unit (17) and the feeder unit (21), a section (205) of loose tape that is subsequently recalled by the advancing box (3) without opposing any resistance, said supporting unit (17) also comprising braking means (98, 95) controlled by said sensor means (M1, M2) to stop the inertial rotation of the roll (14) of tape (13) when the operation of sealing a box (3) has been completed. <IMAGE>

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IPC 8 full level

**B65B 51/06** (2006.01)

CPC (source: EP)

**B65B 51/067** (2013.01)

Citation (search report)

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- [A] GB 1195971 A 19700624 - MINNESOTA MINING & MFG [GB]

Cited by

US7937905B2; EP1074474A1; CN104925319A; CN114476249A; EP0846621A1; CN112224550A

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