

Title (en)

Machine for automatically binding banknotes and the like by means of a thermosealable strip.

Title (de)

Maschine zum automatischen Binden von Banknoten und dergleichen mit einem heissiegelbaren Streifen.

Title (fr)

Machine pour lier automatiquement des billets de banque et similaires avec un ruban thermoscellable.

Publication

EP 0238450 A1 19870923 (EN)

Application

EP 87830074 A 19870303

Priority

IT 1973686 A 19860313

Abstract (en)

The banknote pack binding machine, includes a strip roll (1) for dispensing a thermosealable binding strip (2) which passes over idle rollers (3) to the strip entraining driven sprockets (4) which feed it over and across a working table (5) and across the brackets (7,7') of a pair of articulated arms (8,8') actuated by the armatures (9) of the electromagnets (10). The tape is then cut off by the microswitch controlled blade (12). The working table includes a shaped rectangular block (6) on which a pack of banknotes is placed. The electro-magnet actuated arm (17) with its dihedral part (19) presses the banknote pack and the block downwards and into a curved configuration where the arms are actuated to deflect inwards and fold over the ends of the binding tape (2) into an overlapped state, where a heatal punch (21) performs the thermosealing operation.

IPC 1-7

B65B 27/08

IPC 8 full level

B65B 27/08 (2006.01)

CPC (source: EP)

B65B 27/08 (2013.01)

Citation (search report)

- [X] GB 2027666 A 19800227 - GAO GES AUTOMATION ORG
- [A] GB 1053512 A
- [A] US 1649327 A 19271115 - SHELDON EDWARD P

Cited by

EP2636604A1; EP0770548A3; US5735108A; EP1110866A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0238450 A1 19870923; IT 1188585 B 19880120; IT 8619736 A0 19860313; IT 8619736 A1 19870913

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