

Title (en)
DEVICE FOR BANDING STACKS OF BANK NOTES

Title (de)
VORRICHTUNG ZUM BÜNDELN VON BANKNOTENSTAPELN

Title (fr)
DISPOSITIF D'ENLIASSAGE DE PAQUETS DE BILLETS DE BANQUE

Publication
EP 1591362 A1 20051102 (EN)

Application
EP 03730937 A 20030325

Priority
• RU 0300118 W 20030325
• RU 2002132874 A 20021128

Abstract (en)
[origin: RU2226488C1] FIELD: banking systems; banding of banknotes in piles. SUBSTANCE: proposed device contains housing, container with packing material, packing material feeder and member for accommodating pile of banknotes. Container with packing material is made in form of box structure, and packing material is made in form of rings of tape flattened and placed in stack inside container. Packing material feeder is made in form of member with grip furnished with travel motion mechanism. Banknote pile accommodating member is made for deformation of banknote pile relative to its longitudinal axis, being equipment with banknote, pile position sensor coupled with travel motion mechanism with grip. Member for accommodating pile of banknotes and container with packing material in form of tape rings are installed on housing relative to each other to make pile of banknotes, after deformation, get into ring fed from container. Member for accommodating pile of banknotes can be made in form of tubular envelope narrowing from hole to outlet hole and provided with length wise slot. Deformation of banknote pile takes place when pile moves along tubular envelope, and extraction is done through side slot. EFFECT: simplified design, reliability and high capacity in operation. 2 cl, 5 dwg

IPC 1-7
B65B 25/14; **B65B 27/08**

IPC 8 full level
B65B 25/14 (2006.01); **B65B 27/08** (2006.01); **B65B 11/08** (2006.01); **B65B 13/02** (2006.01)

CPC (source: EP KR US)
B65B 13/022 (2013.01 - EP US); **B65B 13/18** (2013.01 - KR); **B65B 25/14** (2013.01 - KR); **B65B 27/08** (2013.01 - EP KR US)

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