

Title (en)
DEVICE FOR SORTING- AND BINDING-PROCESSING OF BANKNOTES

Title (de)
EINRICHTUNG ZUM SORTIEREN UND BINDEVERARBEITUNG VON BANKNOTEN

Title (fr)
DISPOSITIF POUR LE TRAITEMENT DE TRI ET DE LIGATURE DE BILLETS DE BANQUE

Publication
EP 2402918 A4 20130102 (EN)

Application
EP 09840807 A 20090227

Priority
JP 2009053756 W 20090227

Abstract (en)
[origin: EP2402918A1] A banknote sorting and bundling apparatus (1) includes a banknote processing device (2) including a stacker (16), and a banknote bundling device (3) including a bundling unit (22) and a bundling-side stacking unit (21). The apparatus (1) further includes a banknote transport unit (13) that transports a banknote deposited in a hopper unit (11) through a banknote transport path (18) including a first transport path (18A), a second transport path (18B), and a third transport path (18C), a diverting unit (13A) for diverting the banknote being transported through the banknote transport path (18) to the stacker (16) or the bundling-side stacking unit (21), and a post-bundling transport unit (26) for dispensing a bundle of banknotes bundled by the bundling unit (22) to a bundle dispensing outlet (23) provided near the hopper unit (11). When one hundred bundling-object-banknotes stacked in the bundling-side stacking unit (21) have been bundled, the post-bundling transport unit 26 dispenses the bundle to the banknote dispensing outlet (23) provided near the hopper unit (11). Consequently, work efficiency of an operator is improved.

IPC 8 full level
G07D 11/00 (2006.01); **B65B 27/08** (2006.01)

CPC (source: EP US)
G07D 11/40 (2018.12 - EP US)

Citation (search report)

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- [IA] US 5522511 A 19960604 - SAKOGUCHI YOSHITAKA [JP], et al
- [Y] EP 1204077 A2 20020508 - TOSHIBA KK [JP]
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Citation (examination)

- US 2005212201 A1 20050929 - WADA FUMIAKI [JP]
- US 7017902 B2 20060328 - KURU AYUMU [JP], et al

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