

Title (en)
Bank note deposit/withdrawal machine

Title (de)
Banknotenausgeber

Title (fr)
Machine de dépôt/retrait de billet de banque

Publication
EP 0994445 A2 20000419 (EN)

Application
EP 99119958 A 19991012

Priority
JP 28906698 A 19981012

Abstract (en)
A bank note storage/supply box (8) includes a stack feed roller 801 driven for rotation, a pick-up roller 811, a gate roller 803 not rotating in a carrying-over direction, a brush roller 804 on the same axis as the gate roller 803 with its elastic material radially arranged, a separation/stack guide 805 movable in a separating operation and a stacking operation, an upper and lower bank note support unit, and a holding plate driven in the horizontal direction. <IMAGE>

IPC 1-7
G07D 1/00

IPC 8 full level
B65H 29/22 (2006.01); **G07D 11/00** (2006.01); **G07F 19/00** (2006.01)

CPC (source: EP KR)
B65H 29/22 (2013.01 - EP); **B65H 83/025** (2013.01 - EP); **G07D 11/13** (2018.12 - EP); **G07F 19/00** (2013.01 - KR);
B65H 2301/42142 (2013.01 - EP); **B65H 2404/561** (2013.01 - EP); **B65H 2701/1912** (2013.01 - EP)

Cited by
EP1315127A3; CN113284290A; CN105825594A; DE102008023900A1; EP1244075A1; EP2600321A1; EP2028146A3; EP1932790A1;
EP1710757A1; EP1411012A3; US2020339368A1; US7849992B2; US7568689B2; US7243914B2; US9117323B2; US8028989B2; US9540194B2;
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Designated contracting state (EPC)
DE GB SE

DOCDB simple family (publication)
EP 0994445 A2 20000419; **EP 0994445 A3 20010418**; **EP 0994445 B1 20080312**; CN 1129874 C 20031203; CN 1258896 A 20000705;
DE 69938327 D1 20080424; DE 69938327 T2 20090312; KR 100330326 B1 20020401; KR 20000028967 A 20000525

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EP 99119958 A 19991012; CN 99121098 A 19991012; DE 69938327 T 19991012; KR 19990043695 A 19991011