

Title (en)

AUTOMATIC PAPER CURRENCY DISPENSING MACHINE ADAPTED FOR EASY MANAGEMENT OF SAFES

Publication

**EP 0540867 A3 19940713 (EN)**

Application

**EP 92115932 A 19920917**

Priority

- JP 1208592 U 19920311
- JP 2813692 A 19920214
- JP 6503292 A 19920323
- JP 7790692 A 19920331
- JP 10239491 U 19911115
- JP 10560291 U 19911224
- JP 23997291 A 19910919

Abstract (en)

[origin: EP0540867A2] An automatic paper currency dispensing machine which dispenses the paper currency (40, 40a) in response to an operator's instruction. A mechanism (44, 45, 42, 43, 48, 109) to discharge the paper currency (40, 40a) stored in the storage (400) is encased in the casing (53, 54) to constitute the safe (31, 419, 702, 825), and the paper currency (40, 40a) is discharged from the opening (58) formed on the casing (53, 54). The paper currency dispensing machine removably encases this casing (53, 54), and is provided with the paper currency pick-up slot (22) formed to communicate with the opening (58). This may be structured to contain more than one such safes (31, 419, 702, 825). In the case of the latter, the safe control (460) is provided within the casing (53, 54), to control the operations to dispense the paper currency (40, 40a) and to deliver them. This machine is also provided with the main control (434) which controls the safe control (460) in response to the operator's instruction, and those two controls are interconnected with detachable connector (426, 422, 423, 424). A blade (50) and a reject safe (51) may be provided within the safe (31, 419, 702, 825). The safe control (460) directs the blade (50) toward the reject safe (51), to guide the paper currency (40a), which has encountered a delivery error, toward the reject safe (51). With the above arrangement, there is provided an automatic paper currency dispensing machine, the safe of which can be handled in the most appropriate manner. <IMAGE>

IPC 1-7

**G07D 13/00; G07F 19/00**

IPC 8 full level

**G07D 11/00** (2006.01)

CPC (source: EP KR)

**G07D 7/00** (2013.01 - KR); **G07D 11/13** (2018.12 - EP); **G07D 11/14** (2018.12 - EP); **G07D 11/237** (2018.12 - EP)

Citation (search report)

- [XY] EP 0308060 A2 19890322 - IBM [US]
- [PYPA] US 510022 A 19920331 - FUKUDOME YOSHIO [JP], et al
- [Y] DE 3834062 A1 19890420 - OKI ELECTRIC IND CO LTD [JP]
- [YA] EP 0180949 A2 19860514 - OMRON TATEISI ELECTRONICS CO [JP]
- [A] EP 0100962 A2 19840222 - IBM [US]
- [A] WO 8200285 A1 19820204 - NCR CO [US]

Cited by

US6325242B1; WO2006056599A1; CN112435391A; EP1066096A4; EP1127817A3; CN103632434A; EP1739636A1; CN106846612A; EP2138984A1; EP1062010A4; US6098837A; EP1199682A3; US8757348B2; WO2011003955A1; WO9949421A1; US7857198B2; US8544629B2; US8752689B2; EP1271425A2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0540867 A2 19930512; EP 0540867 A3 19940713; EP 0540867 B1 19970102**; DE 69216368 D1 19970213; DE 69216368 T2 19970731; KR 100255494 B1 20000501; KR 930006591 A 19930421

DOCDB simple family (application)

**EP 92115932 A 19920917**; DE 69216368 T 19920917; KR 920017131 A 19920919