

Title (en)  
Sheet money feeding machine.

Title (de)  
Banknotenzuführvorrichtung.

Title (fr)  
Dispositif d'alimentation de billets de banque.

Publication  
**EP 0224061 A2 19870603 (EN)**

Application  
**EP 86114967 A 19861028**

Priority  
US 79877785 A 19851118

Abstract (en)  
Sheet money feeding machine having a friction feed (25) mounted to feed from the top of a stack (11) of money is disclosed. The stack (11) of money is contained within a cassette (13) having a moveable bottom (15). The bottom (15) of the cassette (13) is raised by a motor as money is fed from the top of the stack in order to maintain the top of the stack of money substantially at the top of the cassette and available for feeding by the friction feed. Ramps (21, 23) are mounted a predetermined distance down from the top of the cassette to squeeze sheets of money inwardly and cause them to bow upwardly as they are pushed up by the motor. The ramps (21, 23) cause blocks of mint money to be separated into a short loose stack of sheets above the ramps for reliable feeding by the friction feed (25).

IPC 1-7  
**G07D 1/00; B65H 1/08**

IPC 8 full level  
**B65H 3/56** (2006.01); **B65H 1/08** (2006.01); **B65H 3/60** (2006.01); **G07D 11/00** (2006.01)

CPC (source: EP)  
**B65H 1/08** (2013.01); **B65H 3/60** (2013.01); **G07D 11/13** (2018.12)

Cited by  
EP0405963A3; EP1710757A1

Designated contracting state (EPC)  
DE FR GB SE

DOCDB simple family (publication)  
**EP 0224061 A2 19870603; EP 0224061 A3 19890118; EP 0224061 B1 19920429**; DE 3685093 D1 19920604; JP H0545493 B2 19930709;  
JP S62121150 A 19870602

DOCDB simple family (application)  
**EP 86114967 A 19861028**; DE 3685093 T 19861028; JP 24332586 A 19861015