

Title (en)

Method and apparatus for identifying and indicating the content of document canisters.

Title (de)

Vorrichtung und Verfahren zum Identifizieren und Angeben des Inhalts von Dokumentkassetten.

Title (fr)

Procédé et dispositif pour identifier et indiquer le contenu de cassettes de documents.

Publication

EP 0399570 A2 19901128 (EN)

Application

EP 90112217 A 19860528

Priority

- EP 86904495 A 19860528
- US 74996085 A 19850627

Abstract (en)

An apparatus for identifying and indicating the content of document canisters such as those used to hold supplies of documents in Automated Teller Machines (ATM's). The apparatus includes a canister (10), holding a stack of documents (30) and having a face plate (24) including a plurality of button holes (26). Spring loaded buttons (25) are distributed among button holes (26); the arrangement of the button holes represents items of data such as ownership of the canister, canister serial number, and document information. A switch plate (126) incorporates a plurality of switch actuators (128) associated with switches (130) connected to a computer which controls operation of the ATM. In operating position canister (10) is located in contact with a picker mechanism which removes documents one at a time from the canister. The picker mechanism includes the switch plate (126) and a roller (102).

IPC 1-7

B65H 1/08; G06F 15/30; G06K 7/04; G06K 15/30; G07D 9/00

IPC 8 full level

B65H 1/00 (2006.01); **B65H 1/02** (2006.01); **B65H 1/08** (2006.01); **B65H 1/26** (2006.01); **B65H 3/06** (2006.01); **B65H 3/44** (2006.01); **G07D 9/00** (2006.01); **G07D 11/00** (2006.01); **G07F 19/00** (2006.01)

CPC (source: EP)

B65H 1/00 (2013.01); **B65H 1/025** (2013.01); **B65H 3/0638** (2013.01); **B65H 3/0676** (2013.01); **G07D 11/12** (2018.12); **G07D 11/237** (2018.12); **G07F 19/20** (2013.01); **G07F 19/201** (2013.01); **B65H 2404/5311** (2013.01); **B65H 2701/1912** (2013.01)

Designated contracting state (EPC)

BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

WO 8700154 A1 19870115; AU 3213693 A 19930325; AU 3482689 A 19890907; AU 581532 B2 19890223; AU 607330 B2 19910228; AU 6120386 A 19870130; AU 635978 B2 19930408; AU 6568890 A 19910131; AU 665390 B2 19960104; CA 1276304 C 19901113; CA 1296100 C 19920218; DE 3650412 D1 19951109; DE 3650412 T2 19960605; DE 3650424 D1 19951123; DE 3650424 T2 19960627; DE 3650425 D1 19951123; DE 3650425 T2 19960605; DE 3650595 D1 19970306; DE 3650595 T2 19970522; DE 600848 T1 19950614; EP 0227793 A1 19870708; EP 0227793 A4 19880519; EP 0227793 B1 19951004; EP 0399570 A2 19901128; EP 0399570 A3 19920520; EP 0399570 B1 19951018; EP 0459529 A2 19911204; EP 0459529 A3 19920122; EP 0459529 B1 19951018; EP 0600848 A2 19940608; EP 0600848 A3 19940817; EP 0600848 B1 19970122; JP 2660834 B2 19971008; JP S62503165 A 19871217

DOCDB simple family (application)

US 8601201 W 19860528; AU 3213693 A 19930129; AU 3482689 A 19890515; AU 6120386 A 19860528; AU 6568890 A 19901031; CA 512584 A 19860626; CA 615716 A 19900503; DE 3650412 T 19860528; DE 3650424 T 19860528; DE 3650425 T 19860528; DE 3650595 T 19860528; DE 94100165 T 19860528; EP 86904495 A 19860528; EP 90112217 A 19860528; EP 91111932 A 19860528; EP 94100165 A 19860528; JP 50363686 A 19860528