

Title (en)  
Device for temporarily stacking documents.

Title (de)  
Einrichtung zur vorübergehenden Stapelung von Belegen.

Title (fr)  
Dispositif pour empiler temporairement des documents.

Publication  
**EP 0204653 A1 19861210 (DE)**

Application  
**EP 86730069 A 19860424**

Priority  
DE 3516460 A 19850508

Abstract (en)  
[origin: US4726697A] A self service printer is improved by providing for temporary storage of several printed documents to be issued as a bundle. An opening in the housing for the printer is normally closed by a pivotable cover behind which documents are accumulated and stored, a first set of transport rollers including drive and pressure rollers is arranged behind the cover and being provided for cumulatively holding and moving one or more individual documents; second set of transport rollers is disposed upstream from the first set of rollers and operated in opposition such that the first set provides for holding or transport and the second set is open and vice versa; a control device operates the cover and said transport roller sets and provides (i) a closed disposition of said cover in an open position for said first set of rollers permitting insertion of documents in between through the second set, (ii) a closed disposition for the cover as well as closed disposition of the first transport roller set for holding and storing documents in between, and (iii) providing issuance of the documents for open cover and closed first set of transport rollers, said transport rollers then being driven; the second set is open during (ii) and (iii).

Abstract (de)  
Es wird eine Einrichtung zur vorübergehenden Speicherung von Belegen (20) beschrieben, die für Selbstbedienungsdrucker geeignet ist. Hinter einer Ausgabeöffnung (29) ist eine Schwenklappe (30) und erste Transportrollen (31) angeordnet. Die ersten Transportrollen (31) haben die Aufgabe, den Belegstapel (20) festzuklemmen, wobei die Schwenklappe (30) als Anschlag dient. Die Belege werden in einem Speicherraum (25) gespeichert und werden einzeln den ersten Transportrollen (31) zugeführt. Wird ein Druckbefehl gegeben, dann wird die Schwenklappe (30) geöffnet und die Transportrollen (31) werden angetrieben, so daß der Belegstapel dem Bediener des Druckers angeboten wird. Zweite Transportrollen (21), die wechselweise mit den ersten Transportrollen (31) arbeiten, dienen der Abnahme des Beleges (20) von der Druckvorrichtung (12, 7) und der Zuführung der Belege (20) zu den ersten Transportrollen (21).

IPC 1-7  
**B41J 13/00**; **B65H 29/20**; **G06K 13/12**; **G07B 1/06**

IPC 8 full level  
**B41J 11/70** (2006.01); **B41J 13/00** (2006.01); **B41J 15/06** (2006.01); **B65H 29/20** (2006.01); **G06K 13/12** (2006.01); **G07B 1/00** (2006.01); **G07B 1/06** (2006.01)

CPC (source: EP US)  
**B41J 11/70** (2013.01 - EP US); **B41J 15/06** (2013.01 - EP US); **G07B 1/00** (2013.01 - EP US); **B65H 2408/13** (2013.01 - EP US)

Citation (search report)  
• US 4234261 A 19801118 - HENDRISCHK WOLFGANG, et al  
• DE 2807405 A1 19790823 - MANNESMANN AG  
• GB 1286964 A 19720831 - RICOH KK [JP]  
• GB 1296146 A 19721115

Cited by  
EP0305153A3; EP0383501A3

Designated contracting state (EPC)  
AT BE CH FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0204653 A1 19861210**; **EP 0204653 B1 19890816**; AT E45542 T1 19890915; CA 1260973 A 19890926; DE 3516460 A1 19861113; DE 3516460 C2 19910110; US 4726697 A 19880223; YU 45328 B 19920528; YU 73786 A 19881031

DOCDB simple family (application)  
**EP 86730069 A 19860424**; AT 86730069 T 19860424; CA 508733 A 19860508; DE 3516460 A 19850508; US 86055586 A 19860507; YU 73786 A 19860508