

Title (en)
MECHANISM FOR SEQUENTIALLY SEPARATING DOCUMENTS

Publication
EP 0051958 A3 19820811 (EN)

Application
EP 81305096 A 19811028

Priority
US 20578380 A 19801110

Abstract (en)
[origin: EP0051958A2] A machine for counting cheques or other documents is provided with an upper bin feed means (30b) feeding documents into a document separation means (38b, 44). A pair of opposed guide plates (24, 26) form a document feed path below the document separation means, one of the plates (24) being fixed in position between parallel support plates (20a) of the machine. The other guide plate (26) is pivotally supported relative to the parallel walls near one end and releasably latched relative thereto at the opposite end. The pivotally supported guide plate carries operative devices including the shafts of rotating devices. One such device is a printer roller (110). The guide means (26, 24) terminates above a generally horizontal conveyor (184) which runs counter to the direction of feed. The documents are fed successively onto the conveyor (184) beneath a floating roller (194) which allows documents which are driven to move as far as the drive urges them and then when drive ceases, moves the documents in the reverse direction toward a collection tray (210). A further roll (199) holds the documents in fanned out position so that they may be viewed as they come off the end of the conveyor and before they fall into the tray.

IPC 1-7
B65H 29/40; **B65H 29/66**; **B65H 29/52**; **B41K 3/14**; **B65H 31/00**

IPC 8 full level
B41K 3/12 (2006.01); **B41K 3/14** (2006.01); **B41K 3/44** (2006.01); **B41K 3/50** (2006.01); **B41K 3/62** (2006.01); **B65H 3/52** (2006.01); **B65H 7/12** (2006.01); **B65H 29/40** (2006.01); **B65H 29/52** (2006.01); **B65H 29/66** (2006.01); **B65H 31/00** (2006.01)

CPC (source: EP)
B41K 3/122 (2013.01); **B41K 3/14** (2013.01); **B41K 3/44** (2013.01); **B41K 3/625** (2013.01); **B65H 29/40** (2013.01); **B65H 29/52** (2013.01); **B65H 29/6609** (2013.01); **B65H 31/00** (2013.01); **B65H 2701/1912** (2013.01)

Citation (search report)
• US 2694570 A 19541116 - DE LANO WALTER W
• GB 1014506 A 19651231 - BONNIERFOERETAGEN AB
• US 3595564 A 19710727 - YOUNG RAYMOND J DE
• US 3476384 A 19691104 - THULL JOHN F, et al
• FR 2233266 A2 19750110 - WINDMOELLER & HOELSCHER [DE]
• [X] GB 1093234 A 19671129 - TELEFUNKEN PATENT
• GB 1211947 A 19701111 - ALBERT SCHNELLPRESSEN [DE]

Cited by
EP2884468A4; FR2548161A1; EP0340372A3; US5012734A

Designated contracting state (EPC)
BE CH DE FR GB IT NL SE

DOCDB simple family (publication)
EP 0051958 A2 19820519; **EP 0051958 A3 19820811**; DK 494281 A 19820511; JP S57113097 A 19820714

DOCDB simple family (application)
EP 81305096 A 19811028; DK 494281 A 19811109; JP 17913281 A 19811110