

Title (en)

IMPROVEMENTS IN AUTOMATIC FEEDERS OF MULTIPLE DOCUMENTS, WITH COPY, FOR PRINTING SYSTEMS

Publication

**EP 0241401 A3 19880824 (EN)**

Application

**EP 87500011 A 19870317**

Priority

ES 553201 A 19860320

Abstract (en)

[origin: EP0241401A2] An automatic feeder of multi-layer documents for printing systems consists of synchronized elements sending the documents in an automatic and continuous way to the printer without movement of the lower sheets with respect to the top original sheet. From a storage bin (1) a drag and ejection system acting by gravitation and comprising a motor (4) and rollers (7) conveys the upper document to a hopper (10). From this hopper the documents are centered and directed towards the platen (21) of the printer by a second drag system (12) and (13), after printing they are conveyed by a third similar system (24) to a storage area. The feed, printing and ejection of the documents is controlled by sensors in apertures (14) and (15) at the hopper (10) and sensors below the drag system (24) to provide an automatic and continuous operation.

IPC 1-7

**B41J 13/00**; **B65H 5/06**; **B65H 29/20**

IPC 8 full level

**B41J 11/58** (2006.01); **B41J 13/00** (2006.01); **B65H 5/06** (2006.01); **B65H 29/20** (2006.01)

CPC (source: EP)

**B41J 13/00** (2013.01)

Citation (search report)

- DE 3512266 A1 19851017 - OKI ELECTRIC IND CO LTD [JP]
- DE 3318117 A1 19831124 - INT STANDARD ELECTRIC CORP [US]
- DE 3106144 A1 19820826 - MANNESMANN AG [DE]

Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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