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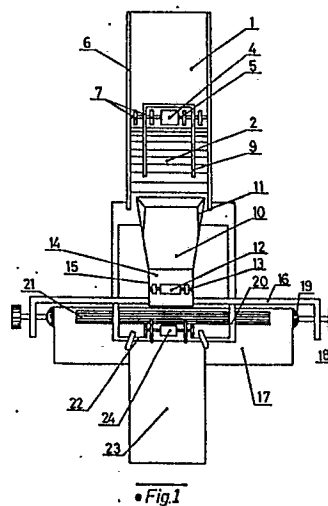
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54 Improvements in automatic feeders of multiple documents, with copy, for printing systems.

57 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.



• Fig. 1



DOCUMENTS CONSIDERED TO BE RELEVANT			EP 87500011.9
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A	DE - A1 - 3 512 266 (OKI ELECTRIC) * Totality * --	1-8	B 41 J 13/00 B 65 H 5/06 B 65 H 29/20
A	DE - A1 - 3 318 117 INTERNATIONAL STANDARD ELECTRIC) * Totality * --	1-8	
A	DE - A1 - 3 106 144 (MANNESMANN) * Page 4, last paragraph * ----	4-7	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			B 41 J B 65 H
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 30-05-1988	Examiner MEISTERLE
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	