(1) Publication number:

0 038 914

A3

(12)

EUROPEAN PATENT APPLICATION

(21) Application number: 81101359.8

(51) Int. Cl.³: **B** 65 **H** 31/24 **B** 65 **H** 39/11

(22) Date of filing: 25.02.81

(30) Priority: 28.04.80 US 144117

(43) Date of publication of application: 04.11.81 Bulletin 81/44

- (88) Date of deferred publication of search report: 24.03.82
- (84) Designated Contracting States: DE FR GB

(71) Applicant: International Business Machines Corporation

Armonk, N.Y. 10504(US)

- (72) Inventor: Avritt, Michael David 4743 Devonshire Street Boulder Colorado 80301(US)
- (72) Inventor: Rosati, Alfonso Armando 1097 Purdue Drive Longmont Colorado 80501(US)
- (74) Representative: Hawkins, Anthony George Frederick **IBM United Kingdom Patent Operations Hursley Park** Winchester Hants. S021 2JN(GB)

- (54) Sheet collating apparatus.
- (57) Sheet collating apparatus comprises a plurality of bins (32), a belt conveyor system (22) and a distributor device (30) which co-acts with the belt conveyor to direct sheets from the conveyor into selected bins. Each bin includes a sheet guide (58) which extends towards the conveyor but only co-acts therewith at the diverted portion. These guides ensure positive guidance of the sheets into the bins.





EUROPEAN SEARCH REPORT

EP 81 10 1359

DOCUMENTS CONSIDERED TO BE RELEVANT				CLASSIFICATION OF THE
Category	Citation of document with inc passages	dication, where appropriate, of relevant	Relevant to claim	APPLICATION (Int. CI)
А	IBM TECHNICAL vol. 21, no. 1 NEW YORK (US)	t al.: "Collator".		B 65 H 31/24 B 65 H 39/11
		mm ann 646		
A	no. 6, Novembe	RE JOURNAL, vol. 4, r-December 1979, oller Deflector for 745		
				TECHNICAL FIELDS SEARCHED (Int. Cl.3)
				В 65 Н
				CATEGORY OF CITED DOCUMENTS
				X: particularly relevant A: technological background O: non-written disclosure P: intermediate document
				T: theory or principle underlying the invention E: conflicting application
				D: document cited in the application L: citation for other reasons
4	The present search report has been drawn up for all claims		member of the same patent family. corresponding document	
Place of search Date of completion of the search Examiner				
The Hague 14.12.1981			LONCKE	