

Title (en)

Rotary collating machines and method of collating sheet material.

Title (de)

Rotierende Zusammentragmaschinen und Verfahren zum Zusammentragen von Bogenmaterial.

Title (fr)

Machines rotatives de collationnement et procédé de collationnement de feuilles.

Publication

EP 0031717 A1 19810708 (EN)

Application

EP 80304701 A 19801223

Priority

GB 7944435 A 19791228

Abstract (en)

A rotary collating machine, and method of collating, utilises the principle of peeling individual sheets of paper, card or like material from the bottom of a number of stacks of sheets (23) arranged around a flat segmented table (22a to 22f) which supports the stacks by air pressure issuing through holes (30). Perforated suction wheels (32) equispaced around the table between the segments draw down a corner of each bottom sheet as the wheels rotate beneath the stacks. The withdrawn sheets are held by suction on the wheels (32), guided down through slots between the table segments (22a to 22f), inverted as they are peeled away, and deposited in catching trays (36) beneath the table to build up collated sets which can be removed by a stripper bar (38).

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CPC (source: EP)

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Citation (search report)

- FR 1088708 A 19550309
- XEROX DISCLOSURE JOURNAL, Vol. 4, No. 2, March/April 1979, page 207 Stamford, U.S.A. R. GENTHNER: "Friction/retard feeder with vacuum feed wheel" * Whole document *

Cited by

US5556087A; EP0681916A3; US5560594A; CH688141A5

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