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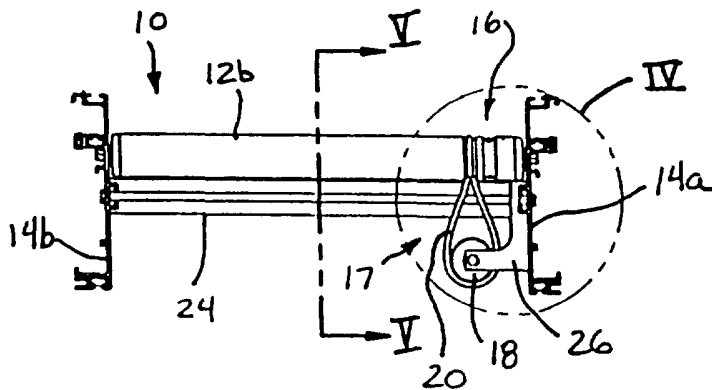
- as to applicant's entitlement to apply for and be granted
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AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ,
CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE,
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[Continued on next page]

(54) Title: **MOTORIZED ROLLER TRANSVERSE DRIVE**



(57) Abstract: A roller conveyor (10) includes a plurality of idler rollers (12) positioned along and between opposite sidewalls (14a, 14b) and a transverse drive system (16) operable to rotatably drive at least some of the idler rollers of the roller conveyor. The transverse drive system includes a motorized roller (18) positioned generally transverse to the idler rollers and a plurality of drive members (20) drivably connected between the motorized roller and respective ones of the idler rollers. Actuation of the motorized roller drives each of the drive members, which in turn independently rotatably drive the respective idler rollers. The transverse drive system may be selectively operable to accumulate articles on

one or more zones (11a, 11b) of the roller conveyor. The roller conveyor may include a right angle transfer unit (240) operable to transfer articles in a direction generally normal to the direction of conveyance of the idler rollers.



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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 03, 5 May 2003 (2003-05-05) -& JP 2002 326711 A (ITO DENKI KK), 12 November 2002 (2002-11-12) abstract	1-4, 6-8, 11, 12
Y	figures 1-4	5, 9, 10, 13-18
Y	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 12, 3 January 2001 (2001-01-03) -& JP 2000 255755 A (NIKKO:KK), 19 September 2000 (2000-09-19) abstract figures 1-10	5
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☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Y	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 04, 2 April 2003 (2003-04-02) -& JP 2002 347927 A (ITO DENKI KK), 4 December 2002 (2002-12-04) abstract figures 1-18 -----	13-18

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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