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71) Applicant: TOKYO ELECTRIC CO., LTD.

6-13, 2-chome, Nakameguro Meguro-ku Tokyo(JP)

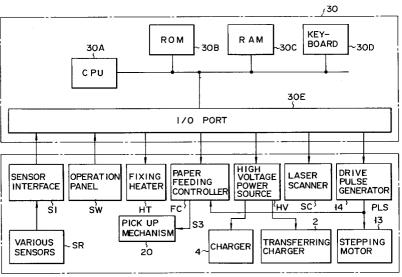
Inventor: Saito, Akihiro 80-2 Mifuku, Oohito-cho Tagata-gun, Shizuoka-ken(JP)

Representative: Schmitz, Hans-Werner, Dipl.-Ing. et al Schoppe . Schmitz . Weber Patentanwälte Ludwig-Ganghofer-Strasse 20 W-8022 Grünwald bei München(DE)

## (54) A paper feeder for page printer.

© A paper feeder comprises a paper pick up mechanism (20), feeding rollers for receiving the paper supplied from the pick up mechanism (20) and transporting the paper to an image transfer position for a toner image formed on a photosensitive drum and rotated along with the photosensitive drum, a stepping motor (13) for driv ing the photosensitive drum and the feeding rollers, and drive

pulse generator (14) for sequentially generating drive pulses to be supplied to the stepping motor (13). The paper feeder further comprises a paper feeding con troller (FC) for controlling the operation of the paper pick up mechanism (20) in accordance with the number of the drive pulses generated from the drive pulse genera tor (14).



F I G. 2



## EUROPEAN SEARCH REPORT

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| DOCUMENTS CONSIDERED TO BE RELEVANT |  |   |                                       |                                    |   |  |
|-------------------------------------|--|---|---------------------------------------|------------------------------------|---|--|
| Category                            | Citation of document wit   | th indication, where appropriate, vant passages | R                                     | elevant<br>o claim                 | CLASSIFICATION OF THE APPLICATION (Int. CI.5) |  |
| Α                                   | EP-A-0 199 376 (MERCAN<br>* page 4, paragraph 2 - pag<br>paragraph 2 - page 14, para   | e 5, paragraph 1 * * * page                     | 13,                                   |                                    | G 03 G 15/00                                  |  |
| Α                                   | EP-A-0 314 536 (FUJITSU<br>* claim 1 * *   | -   | 1                                     |                                    |   |  |
| Α                                   | PATENT ABSTRACTS OF (P-320)(1708) 12 December & JP-A-59 140 466 ( CANO * abstract * *  | 1984  | 1                                     |                                    |   |  |
|                                     |  |   |                                       |                                    | TECHNICAL FIELDS SEARCHED (Int. CI.5)  G 03 G |  |
|                                     |  |   |                                       |                                    |   |  |
|                                     | The present search report has b  | peen drawn up for all claims                    |                                       |                                    |   |  |
|                                     | Place of search  | Date of completion of se                        | arch                                  |                                    | Examiner                                      |  |
| The Hague 19 November 91            |  |   | 1                                     | TREPP E.A.                         |   |  |
| Y:<br>A:<br>O:<br>P:                | CATEGORY OF CITED DOCU<br>particularly relevant if taken alone<br>particularly relevant if combined wit<br>document of the same catagory<br>technological background<br>non-written disclosure<br>intermediate document<br>theory or principle underlying the in | h another                                       | the filing of D: document L: document | late<br>cited in th<br>cited for o | ent, but published on, or after               |  |