

(19)



Europäisches Patentamt
European Patent Office
Office européen des brevets

(11)

Publication number:

0 083 102
A3

(12)

EUROPEAN PATENT APPLICATION

(21)

Application number: **82112051.6**

(51)

Int. Cl.³: **G 03 G 15/22**

(22)

Date of filing: **28.12.82**

(30)

Priority: **30.12.81 GB 8139066**

(43)

Date of publication of application: **06.07.83**
Bulletin 83/27

(84)

Designated Contracting States: **BE DE FR IT LU NL**

(88)

Date of deferred publication of search
report: **21.03.84 Bulletin 84/12**

(71)

Applicant: **RONEO ALCATEL LIMITED, P.O. Box 3 South
Street, Romford Essex RM1 2AR (GB)**

(72)

Inventor: **Shreeve, Nicholas Gilbert, 3 Brackley,
Weybridge Surrey (GB)**
Inventor: **Tyler, Richard Graham, 301 Carter Drive Collier
Row, Romford Essex (GB)**
Inventor: **Atkinson, David Ian Heaton, 5 Winton Court
Lovelace Road, Surbiton Surrey (GB)**
Inventor: **Atkinson, Cyril John, 57 Carlton Close St.
Mary's Lane, Upminster Essex (GB)**

(74)

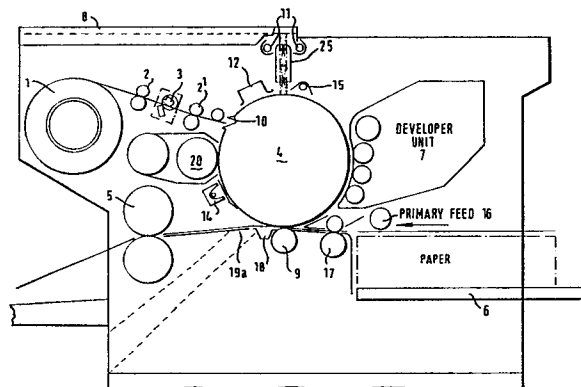
Representative: **Weinmiller, Jürgen et al,
Zeppelinstrasse 63, D-8000 München 80 (DE)**

(54)

Improvements in or relating to electrostatographic copying and duplicating.

(57)

A counter records the number of duplicated copies required and controls the operation of all devices so that (I) in a master preparation cycle a sheet of recording material is cut from the material on the supply spool (1) and clamped onto the drum (4) after which a fixed toner image is formed on the master by driving the drum (4) at a first speed, electrically charging the recording material, forming a latent image of the original document thereon, developing (7) the latent image with toner and radiant heat fusing the developed toner image onto the recording material, (II) in subsequent duplicating cycles the drum (4) is driven at a second speed higher than the first speed and cyclically the drum is cleaned (20), electrically charged (12), uniformly illuminated (15) and redeveloped with toner (7) and the resulting toner image is transferred onto copy sheets and fixed thereon, and (III) on completion of duplication the used sheet of recording material is ejected from the support member.



EP 0 083 102 A3



DOCUMENTS CONSIDERED TO BE RELEVANT			EP 82112051.6
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 7)
D,X	US - A - 4 273 438 (NISHIKAWA) * Abstract; claims 1-4; fig. 10,11 * --	1,5-7	G 03 G 15/22
D,X	GB - A - 1 139 256 (KONISHIROKU) * Claims 1-8; fig. 1 * --	1,5-7	
A	US - A - 3 615 128 (BHAGAT) * Abstract; fig. 1 * --	1,5-7	
A	US - A - 3 795 442 (KIMURA) * Abstract; fig. 1 * --	1,5-7	
D,A	US - A - 2 576 047 (SCHAFFERT) * Column 1, lines 1-51; fig. 2; claims 1-6 * --	1,5-7	TECHNICAL FIELDS SEARCHED (Int. Cl. 7)
D,A	US - A - 3 627 523 (SHELFFO) * Abstract; fig. 3,4 * --	1,5-7	G 03 G 15/00 G 03 G 1/00 G 03 G 13/00
D,A	GB - A - 1 210 666 (ADDRESSOGRAPH) * Pages 1-3, lines 1-9; claims 1-23; fig. 7,8 * ----	1,5-7	
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 19-12-1983	Examiner VAKIL
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	