

12

EUROPEAN PATENT APPLICATION

21 Application number: **83304975.2**

51 Int. Cl.⁴: **G 03 G 13/09**
G 03 G 9/14

22 Date of filing: **30.08.83**

30 Priority: **31.08.82 JP 149888/82**
22.10.82 JP 184730/82

43 Date of publication of application:
25.04.84 Bulletin 84/17

88 Date of deferred publication of search report: **13.11.85**

84 Designated Contracting States:
DE FR GB IT NL

71 Applicant: **MITA INDUSTRIAL CO. LTD.**
2-28, 1-chome, Tamatsukuri Higashi-ku
Osaka 540(JP)

72 Inventor: **Honda, Nobuyasu**
638, Ichinmoto-cho
Tenri-shi Nara-ken(JP)

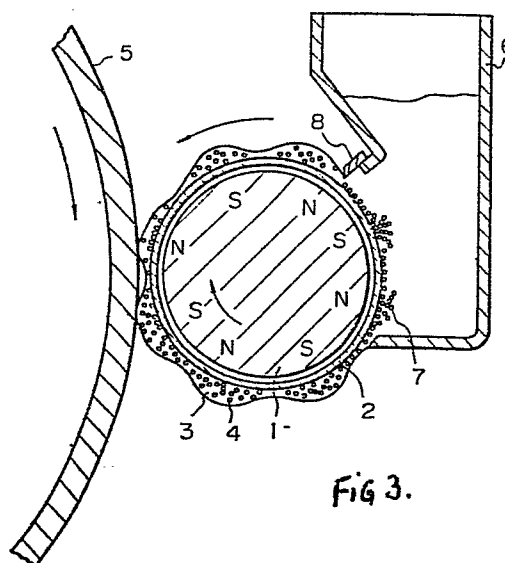
72 Inventor: **Yamakawa, Toshiro**
No. 205 Co-op Seven 1-11-6, Jyuso-higashi
Yodogawa-ku Osaka-shi(JP)

72 Inventor: **Ikeda, Toshimitsu**
1, Koriki-machi
Himeji-shi Hyogo-ken(JP)

74 Representative: **Barlow, Roy James et al,**
J.A.KEMP & CO. 14, South Square Gray's Inn
London WC1R 5EU(GB)

54 **Method for developing electrostatic latent images.**

57 Disclosed is a method for developing electrostatic latent images, which comprises frictionally contacting the surface of a substrate (5) having an electrostatic latent image formed thereon with a magnetic brush of a developer formed on a developer-delivering sleeve (2) having a magnet (1) disposed therein, wherein a magnetic brush is formed on the sleeve with an earing promoting component comprising sintered ferrite particles (4) having a particle size of 20 to 100 microns and a developer component (3) comprising particles of a dispersion of a magnetic powder in a binder medium having a particle size of 5 to 50 microns.





European Patent
Office

EUROPEAN SEARCH REPORT

0106465
Application number

EP 83 30 4975

| DOCUMENTS CONSIDERED TO BE RELEVANT | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------------------------------------------------|
| Category | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim | CLASSIFICATION OF THE APPLICATION (Int. Cl. ³) |
| A | DE-A-2 538 112 (KONISHIROKU PHOTO INDUSTRY CO.) * Claims 1,2,4,6; figures 3,4 * | 1,2,3,6 | G 03 G 13/09 G 03 G 9/14 |
| A | --- US-A-4 294 904 (MAMMINO) * Column 7, lines 32-43 * | 1 | |
| A | --- US-A-4 331 757 (TANAKA et al.) * Claim 1; figure 1 * | 1 | |
| A | --- US-A-2 846 333 (J.C.WILSON) * Claim 1 * | 1 | |
| A | --- CHEMICAL ABSTRACTS, vol. 59, no. 12, 9th December 1963, column 14799d, Columbus, Ohio, US; & BE - A - 610 591 (U.C.SCHMIEDEL) 16-03-1962 | 1 | |
| A | --- EP-A-0 044 752 (MITA INDUSTRIAL CO.) * Figur 1 * | 1,2,6 | TECHNICAL FIELDS SEARCHED (Int. Cl. ³) G 03 G 13 G 03 G 9 G 03 G 15 |
| P,X | --- EP-A-0 062 445 (MITA INDUSTRIAL CO.) * Claims 1-7; page 8, line 6 - page 9, line 17; figures 3,5,6 * | 1-9 | |
| The present search report has been drawn up for all claims | | | |
| Place of search THE HAGUE | | Date of completion of the search 05-07-1985 | Examiner CIGOJ P.M. |
| 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 | | | |