

(19)



Europäisches Patentamt
European Patent Office
Office européen des brevets



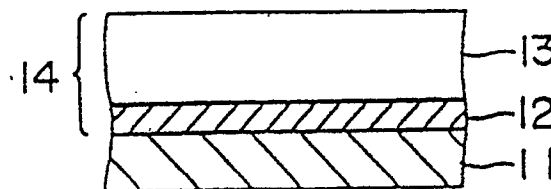
(11) Publication number:

0 435 610 A3

(12)

EUROPEAN PATENT APPLICATION(21) Application number: **90314134.9**(51) Int. Cl.⁵: **G03G 9/097, G03G 9/087**(22) Date of filing: **21.12.90**(30) Priority: **27.12.89 JP 336728/89**(43) Date of publication of application:
03.07.91 Bulletin 91/27(84) Designated Contracting States:
DE GB(88) Date of deferred publication of the search report:
11.09.91 Bulletin 91/37(71) Applicant: **KONICA CORPORATION**
26-2, Nishi-shinjuku 1-chome Shinjuku-ku
Tokyo(JP)(72) Inventor: **Yamane, Kenji, c/o Konica**
Corporation
2970 Ishikawa-cho
Hachioji-shi, Tokyo(JP)
Inventor: **Yamazaki, Hiroshi, c/o Konica**
Corporation
2970 Ishikawa-cho
Hachioji-shi, Tokyo(JP)(74) Representative: **Senior, Alan Murray et al**
J.A. KEMP & CO 14 South Square Gray's Inn
London WC1R 5EU(GB)(54) **Developer and image forming process.**

(57) A developer for an electrophotographic image forming process comprising a toner which comprises colored particles containing at least a resin and a colorant, and composite particles comprising inorganic particles having an average particle size of 0.01 to 1 μm attached to the surface of resin particles having an average particle-size of 0.1 to 7 μm , the resin of the resin particles having a yield point of between 10 and 500 kg/cm^2 at 20 °C.

Fig. 1**EP 0 435 610 A3**



European
Patent Office

EUROPEAN SEARCH REPORT

Application Number

EP 90 31 4134

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.5)
D,X,Y	PATENT ABSTRACTS OF JAPAN, vol. 13, no. 324 (P-903)[3672] 21st July 1989, page 9 P 903; & JP-A-1 91 143 (KONICA CORP.) 10-04-1989 * Entire abstract *	1,2,5-7, 10	G 03 G 9/097 G 03 G 9/087
Y	IDEM	1-10	
A	PATENT ABSTRACTS OF JAPAN, vol. 12, no. 214 (P-718)[3061] 18th June 1988; & JP-A-63 11 956 (CANON INC.) 10th January 1988 * Entire abstract *	1,10	
Y	PATENT ABSTRACTS OF JAPAN, vol. 5, no. 52 (P-56)[724], 11th April 1981; & JP-A-56 6248 (CANON K.K.) 22-01-1981 * Entire abstract *	1-10	
A	GB-A-2 170 917 (RICOH CO., LTD) * Abstract; claims; pages 2,3, example 1 *	1,5,6,10	
A	PATENT ABSTRACTS OF JAPAN, vol. 13, no. 370 (P-920)[3718] 17th August 1989; & JP-A-1 126 660 (KONICA CORP.) 18-05-1989 * Entire abstract *	1-10	TECHNICAL FIELDS SEARCHED (Int. Cl.5) G 03 G
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of search 07 June 91	Examiner HILLEBRECHT D.A.O.
<div>CATEGORY OF CITED DOCUMENTS</div> <div>X : particularly relevant if taken alone</div> <div>Y : particularly relevant if combined with another document of the same category</div> <div>A : technological background</div> <div>O : non-written disclosure</div> <div>P : intermediate document</div> <div>T : theory or principle underlying the invention</div> <div>E : earlier patent document, but published on, or after the filing date</div> <div>D : document cited in the application</div> <div>L : document cited for other reasons</div> <div>& : member of the same patent family, corresponding document</div>			