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(54) Toner composition

(57) A toner composition is provided comprising toner particles having a BET surface between 0.4 and 1.5 m²/g and a melt viscosity between 150 and 2,000 Pa.s at 120 °C and n different types of inorganic hydrophobic particles wherein the amount of inorganic particles is chosen such that the total BET surface of the inorganic particles relates to the BET surface of the toner particles in a specific way. In the composition sum of the BET surface of each of the types of inorganic particles multiplied with their respective weight percentage relative to the toner amount relates to the BET surface of the toner particles in a ratio BR, such that 150 ≤ BR ≤ 375. The use of the toner composition in an electrostaticographic method wherein the images are fixed in a non-contact fusing step is beneficial for good gloss control.



DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
Y	US 4 626 487 A (MITSUHASHI YASUO ET AL) 2 December 1986 * column 2, line 59 - column 3, line 40 * * column 6, line 16 - line 20; example 4 * ---	1-6,8-10	G03G9/097 G03G15/20
Y,D	WO 95 00883 A (AGFA GEVAERT NV ;TAVERNIER SERGE MARTIN (BE); OP DE BEECK WERNER J) 5 January 1995 * page 8, last paragraph - page 10 * * page 13, last paragraph - page 15, line 1 * * page 17, line 7 - page 18 * ---	1-6,8-10	
A	US 5 204 204 A (SHINTANI YUJI ET AL) 20 April 1993 * column 11, line 50 - column 12, line 32 * ---	1	
A	US 5 219 696 A (DEMIZU ICHIRO ET AL) 15 June 1993 * abstract * ---	1	TECHNICAL FIELDS SEARCHED (Int.Cl.6)
X,D	US 4 623 605 A (KATO HITOSHI ET AL) 18 November 1986 * column 2, line 53 - column 3; table 2 * ---	1	G03G
A	EP 0 573 933 A (CANON KK) 15 December 1993 * page 7, line 20 - line 30 * * column 8, line 36 - line 54 * -----	1	
The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	8 July 1997	TREPP, E	
CATEGORY OF CITED DOCUMENTS		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	
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			



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LACK OF UNITY OF INVENTION
SHEET B

Application Number
EP 97 20 0834

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. Claims: 1-6,8-10

Toner composition

2. Claim : 7

Method for depositing certain toner amount

3. Claims: 11,12

Method for posttreatment after non-contact fusing