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(54) **Toner for two-component magnetic developing agent**

(57) A negatively chargeable toner for a two-component magnetic developing agent obtainable by dispersing carbon black in a fixing resin medium wherein the fixing resin medium is a copolymerized resin or a resin composition comprising anionic polar groups and having an acid value from 4 to 30, and the carbon black has a pH less than 7, a ratio (7-pH)/specific surface area (m²/g) from 0.010 to 0.050 and is present in an amount from 4 to 15% by weight relative to the fixing resin. The toner maintains an electric charge in an amount sufficient for developing in the absence of a negative charge control agent. Hence, charge control agent does not migrate onto the carrier surfaces and hence the deterioration of charging properties by spent toner is reduced.

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EUROPEAN SEARCH REPORT

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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.6)
X	EP-A-0 643 337 (MITA INDUSTRIAL CO LTD) 15 March 1995 * page 13; example 1 * * page 25; example 29 * ---	1,2,5, 14,15,17	G03G9/087 G03G9/09
X	EP-A-0 467 439 (AGFA GEVAERT NV) 22 January 1992 * page 6; table 1 * * page 7; examples 1-5 * * claims 1,11 * ---	1,2,5, 16,17	
X	EP-A-0 380 813 (AGFA GEVAERT NV) 8 August 1990 * page 8; examples B,C,D,E * * page 10 - page 12; examples 1C,2A,2B,2C,3 * * claim 1 * ---	1,17	
A	PATENT ABSTRACTS OF JAPAN vol. 009, no. 207 (P-382), 24 August 1985 & JP-A-60 069659 (CANON KK), 20 April 1985, * abstract * ---	1,6,7	TECHNICAL FIELDS SEARCHED (Int.Cl.6) G03G
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A	EP-A-0 622 688 (KAO CORP) 2 November 1994 * page 12; example 1 * * page 15; table 1 * ---	1,15,17	
A	EP-A-0 560 341 (MITSUBISHI CHEM IND) 15 September 1993 * page 10 - page 11; examples 4-7 * -----	1,15,17	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 28 October 1996	Examiner Vogt, C
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			

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