

Title (en)

COMPOSITION AND METHOD FOR DEVELOPING ELECTROSTATIC LATENT IMAGES

Publication

EP 0357042 A3 19911106 (EN)

Application

EP 89116016 A 19890830

Priority

- JP 15297889 A 19890615
- JP 21381288 A 19880830

Abstract (en)

[origin: EP0357042A2] A composition for developing electrostatic latent images in electrographic printing or copying machinery is provided in which 10% to less than 40% by weight of a carrier having a mean particle diameter of from 10 to 35 μm is blended with a magnetic toner comprising magnetic powder and a resin. Conventional charge control agents, especially metal complexes of azo dyes and Nigrosine dyes should be excluded from the magnetic toner.

IPC 1-7

G03G 9/08; **G03G 9/083**; **G03G 9/10**

IPC 8 full level

G03G 9/08 (2006.01); **G03G 9/083** (2006.01); **G03G 9/10** (2006.01)

CPC (source: EP US)

G03G 9/0819 (2013.01 - EP); **G03G 9/083** (2013.01 - EP); **G03G 9/0831** (2013.01 - EP); **G03G 9/10** (2013.01 - EP US)

Citation (search report)

- [X] DE 3140639 A1 19820616 - RICOH KK [JP]
- [X] GB 2074745 A 19811104 - RICOH KK
- [Y] US 4675268 A 19870623 - KISHI KEN-ICHI [JP], et al
- [A] EP 0125606 A1 19841121 - MITA INDUSTRIAL CO LTD [JP]
- [A] PATENT ABSTRACTS OF JAPAN, vol. 13, no. 93 (P-838)[3441], 6th March 1989; & JP-A-63 276 065 (CASIO ELECTRONICS MFG CO., LTD) 14-11-1988

Cited by

EP0813118A3; EP0701178A1; EP0704768A1; EP0452209A1; US5561018A; EP0703505A1; US5750301A; EP0703503A1; EP0703506A1; EP0703504A1; US5580691A; EP0704767A1; EP0703507A1; EP0658821A3; US5576134A

Designated contracting state (EPC)

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EP 0357042 A2 19900307; **EP 0357042 A3 19911106**; **EP 0357042 B1 19980325**; AT E164459 T1 19980415; AU 4087289 A 19900308; AU 628074 B2 19920910; CA 1338398 C 19960618; DE 68928614 D1 19980430; DE 68928614 T2 19981022; DK 174456 B1 20030324; DK 428689 A 19900301; DK 428689 D0 19890830

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EP 89116016 A 19890830; AT 89116016 T 19890830; AU 4087289 A 19890829; CA 609726 A 19890829; DE 68928614 T 19890830; DK 428689 A 19890830