

Title (en)
A two-component type developer

Title (de)
Entwickler des Zweikomponententyps

Title (fr)
Développateur du type à deux composants

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Application
EP 95305606 A 19950811

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- JP 20744894 A 19940831
- JP 20741394 A 19940831
- JP 20741494 A 19940831
- JP 20741594 A 19940831

Abstract (en)
The invention provides a two-component type developer including toner and a carrier. The toner particles in the toner includes a binder resin and magnetic powder dispersed in the binder resin. The binder resin is made of a composition including a resin having an anionic group. The magnetic powder is included in the toner particles at a proportion of 0.1 through 5 parts by weight per 100 parts by weight of the binder resin. Each of the carrier particles in the carrier has a core particle and a coating layer covering the core particle, and the core particle is made of a magnetic material represented by the following Formula (A): Formula (A) MOFe_2O_3 wherein M indicates at least one metal selected from the group consisting of Cu, Zn, Fe, Ba, Ni, Mg, Mn, Al and Co. <IMAGE>

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Citation (applicant)

- JP H0367268 A 19910322 - HITACHI CHEMICAL CO LTD
- JP S56106249 A 19810824 - FUJITSU LTD
- JP S59162563 A 19840913 - MINOLTA CAMERA KK

Citation (search report)

- [A] EP 0330287 A2 19890830 - MITA INDUSTRIAL CO LTD [JP]
- [A] EP 0357042 A2 19900307 - TDK CORP [JP]
- [A] EP 0334126 A2 19890927 - EASTMAN KODAK CO [US]
- [A] EP 0405503 A2 19910102 - MITA INDUSTRIAL CO LTD [JP]
- [A] EP 0317667 A1 19890531 - AGFA GEVAERT NV [BE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 9, no. 120 (P - 358)<1843> 24 May 1985 (1985-05-24)

Cited by
CN104423191A; EP0762224A3; EP0801335A1; US6165663A; EP0801334A1; US5766814A; EP0889369A1; US6042982A; EP1925983A2

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