

## Title (en)

Toner for a two-component type developer

## Title (de)

Toner für Zweikomponentenentwickler

## Title (fr)

Révéléateur pour agent de développement à deux composants

## Publication

**EP 0704768 A1 19960403 (EN)**

## Application

**EP 95305610 A 19950811**

## Priority

JP 20744294 A 19940831

## Abstract (en)

The invention provides toner for a two-component type developer containing toner particles including a fixing resin, magnetic powder dispersed in the fixing resin and a releasing agent. The fixing resin contained in the toner is made of a composition including at least one of the following: (1) a copolymer obtained from a monomer having an anionic group and a monomer having an alkyl group containing 12 or more carbon atoms at the side chain, or a mixture thereof with other monomers; and (2) a mixture of a polymer obtained from a monomer having an anionic group or a mixture of the monomer having an anionic group with other monomers, and a polymer obtained from a monomer having an alkyl group containing 12 or more carbon atoms at the side chain or a mixture of the monomer having an alkyl group containing 12 or more carbon atom with other monomers. The magnetic powder is contained in the toner particles in the range between 0.1 and 5 parts by weight per 100 parts by weight of the fixing resin.

<IMAGE>

## IPC 1-7

**G03G 9/087**; **G03G 9/083**

## IPC 8 full level

**G03G 9/08** (2006.01); **G03G 9/083** (2006.01); **G03G 9/087** (2006.01)

## CPC (source: EP KR)

**G03G 9/08** (2013.01 - KR); **G03G 9/083** (2013.01 - EP); **G03G 9/08791** (2013.01 - EP); **G03G 9/08704** (2013.01 - EP); **G03G 9/08708** (2013.01 - EP); **G03G 9/08722** (2013.01 - EP); **G03G 9/08728** (2013.01 - EP); **G03G 9/08737** (2013.01 - EP)

## 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 0407604 A1 19910116 - MITA INDUSTRIAL CO LTD [JP]
- [A] EP 0357042 A2 19900307 - TDK CORP [JP]
- [A] PATENT ABSTRACTS OF JAPAN vol. 9, no. 120 (P - 358)<1843> 24 May 1985 (1985-05-24)
- [A] DATABASE WPI Section Ch Week 7932, Derwent World Patents Index; Class G06, AN 79-58841b
- [A] PATENT ABSTRACTS OF JAPAN vol. 18, no. 457 (P - 1792) 25 August 1994 (1994-08-25)
- [A] PATENT ABSTRACTS OF JAPAN vol. 14, no. 138 (P - 1022) 15 March 1990 (1990-03-15)
- [A] PATENT ABSTRACTS OF JAPAN vol. 9, no. 207 (P - 382) 24 August 1985 (1985-08-24)

## Designated contracting state (EPC)

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