

Title (en)

A TONER FOR DEVELOPING ELECTROSTATIC LATENT IMAGES AND A USE THEREOF

Publication

EP 0242420 B1 19901205 (EN)

Application

EP 86105723 A 19860425

Priority

- EP 86105723 A 19860425
- JP 23599885 A 19851021

Abstract (en)

[origin: EP0242420A1] A toner for developing electrostatic latent images containing 0.5 to 5 parts by weight of a salt forming compound represented by the formula <CHEM> wherein R1 is C1- C8 alkyl or benzyl, R2 and R3 are each C1- C18 alkyl, R4 is C1- C18 alkyl or benzyl, X is hydroxyl or amino, and Y is hydroxyl or hydrogen and is not hydrogen when X is hydroxyl, and 100 parts by weight of a resin. The invention also relates to the use of the toner for color electrophotography. The toner provides the advantage of retaining its chargeability over a long period of time.

IPC 1-7

G03G 9/08

IPC 8 full level

G03G 9/08 (2006.01); **G03G 9/097** (2006.01)

CPC (source: EP)

G03G 9/09741 (2013.01); **G03G 9/0975** (2013.01); **G03G 9/09783** (2013.01)

Cited by

US5491043A; EP0414506A1; EP0475263A1; US5166030A; EP0579207A1; US5407774A; US10474050B2; US9835965B2; US9152069B2; US8900785B2

Designated contracting state (EPC)

AT BE CH DE FR GB LI LU

DOCDB simple family (publication)

EP 0242420 A1 19871028; EP 0242420 B1 19901205; AT E58973 T1 19901215; DE 3676086 D1 19910117; JP H0445822 B2 19920728; JP S6294856 A 19870501

DOCDB simple family (application)

EP 86105723 A 19860425; AT 86105723 T 19860425; DE 3676086 T 19860425; JP 23599885 A 19851021