

Title (en)

Electrophotographic toner for negative charging

Title (de)

Elektrophotographischer Toner für Negativaufladung

Title (fr)

Toneur électrophotographique pour charger négativement

Publication

EP 0488744 B1 19960717 (EN)

Application

EP 91311035 A 19911128

Priority

JP 32836390 A 19901128

Abstract (en)

[origin: EP0488744A1] An electrophotographic toner for negative charging comprises an acrylamide copolymer containing sulfonic acid groups as a charge-controlling agent for negative charging and a quaternary ammonium salt having an oxyacid anion as a charge-controlling assistant, a fixing resin and a colorant. The quaternary ammonium salt used as the assistant is incompatible with a fixing resin but dispersible therein. The toner provides a sharp distribution of the charge quantity so that formation of highly charged toner particles which do not contribute to development and lowly charged toner particles which are easily scattered is effectively prevented.

IPC 1-7

G03G 9/087; **G03G 9/097**

IPC 8 full level

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CPC (source: EP)

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