Title (en)

Electrophotographic toner for negative charging.

Title (de)

Elektrophotographischer Toner zum negativen Aufladen.

Title (fr)

Toner électrophotographique pour charger négativement.

Publication

**EP 0488743 A1 19920603 (EN)**

Application

**EP 91311034 A 19911128**

Priority

JP 32836290 A 19901128

Abstract (en)

An electrophotographic toner for negative charging comprises a metal compound of an aromatic hydroxycarboxylic acid 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 9/097

IPC 8 full level

**G03G 9/097** (2006.01)

CPC (source: EP)

**G03G 9/097** (2013.01); **G03G 9/09783** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 91311034 A 19911128**; DE 69121067 T 19911128; ES 91311034 T 19911128; JP 32836290 A 19901128