

Title (en)

Electrostatic toner, comprising a polyamine as charge control agent

Title (de)

Elektrostatischer Toner, enthaltend Polyamine als Ladungsstabilisatoren

Title (fr)

Révélateur électrostatique, comprenant une polyamine comme agent de contrôle de charge

Publication

EP 0628884 B1 19981223 (DE)

Application

EP 94107459 A 19940513

Priority

DE 4317059 A 19930521

Abstract (en)

[origin: DE4317059A1] Electrostatic toners containing a polymeric binder and, as charge stabiliser, a polyamine whose mean molecular weight is from 150 to 15000, where the nitrogen atoms are separated from one another by optionally substituted C1-C13-alkylene or optionally substituted phenylene and carry, as substituents, optionally substituted C1-C13-alkyl, phenyl, C1-C10-alkanoyl, benzoyl, C1-C6-alkylcarbamoyl, phenylcarbamoyl or a radical of the formula CO-L-CO, in which L is C2-C8-alkylene, crosslinking of two polyamine units resulting in the latter case, and the use of the abovementioned polyamines as charge stabilisers in electrostatic toners.

IPC 1-7

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

IPC 8 full level

G03G 9/087 (2006.01); **G03G 9/097** (2006.01)

CPC (source: EP US)

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