

Title (en)

Toner for developing statically charged images and process for preparation thereof.

Title (de)

Toner zur Entwicklung statischer Ladungsbilder und Verfahren zu dessen Herstellung.

Title (fr)

Toner pour le développement d'images de charge statique et son procédé de préparation.

Publication

EP 0415727 B1 19941228 (EN)

Application

EP 90309421 A 19900829

Priority

JP 22207189 A 19890829

Abstract (en)

[origin: EP0415727A2] A toner for developing statically charged images, comprising a binder resin, a colorant and a charge-controlling dye and a process for the preparation of this toner are disclosed. This toner consisting of particles composed of these components have a circularity of from 0.95 to 1.0, and the concentration of the dye on the surfaces of the toner particles is from 1.0×10^{-3} to 4×10^{-3} g/g. By dint of these characteristic features, the stability of the frictional chargeability characteristics of the toner is increased, and the contamination of a carrier, a developing device or the like with the dye can be prevented.

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G03G 9/08

IPC 8 full level

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CPC (source: EP)

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Cited by

EP0658816A3; US5659857A; EP0524549A1; US5272034A; EP0967527A1; EP0822456A1; US6033817A; EP0869398A3; US6183927B1; US7939231B2

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