

Title (en)

Dry electrostatographic toner particles.

Title (de)

Elektrostatographische Trockentonerteilchen.

Title (fr)

Particules de toner électrostatographique sec.

Publication

**EP 0628883 B1 19950906 (EN)**

Application

**EP 93201647 A 19930609**

Priority

EP 93201647 A 19930609

Abstract (en)

[origin: EP0628883A1] A dry electrostatographic toner composition is provided having toner particles comprising at least one organic colouring substance, at least one binder resin and at least one inorganic filler material, characterised in that (i) said inorganic filler material is chemically inert towards said binder material, is evenly dispersed throughout the volume of the toner particles and is present in the toner particles in such amounts that said filler material presents a surface of at least 0.5 m<sup>2</sup> pro gram of resinous toner matrix and (ii) said binder resin is such that the melt viscosity at 120 DEG C of the resinous matrix containing 1 m<sup>2</sup> surface of said filler material pro gram of resin is, in comparison to the melt viscosity of the same resinous matrix without said filler material, not raised or at most by a factor f = 1.25.

IPC 1-7

**G03G 9/097**

IPC 8 full level

**G03G 9/08** (2006.01); **G03G 9/087** (2006.01); **G03G 9/097** (2006.01)

CPC (source: EP)

**G03G 9/08797** (2013.01); **G03G 9/09708** (2013.01); **G03G 9/09725** (2013.01)

Cited by

US7846633B2; US5805967A; US6528220B2; US5798199A; US8043780B2; EP0775948A1; WO2004099741A1

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