

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 m² 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 m² 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
US6528220B2; US5805967A; US7846633B2; US5798199A; US8043780B2; EP0775948A1; WO2004099741A1

Designated contracting state (EPC)
BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0628883 A1 19941214; **EP 0628883 B1 19950906**; DE 69300454 D1 19951012; DE 69300454 T2 19960411; JP H07104505 A 19950421

DOCDB simple family (application)
EP 93201647 A 19930609; DE 69300454 T 19930609; JP 14868794 A 19940606