

Title (en)  
Toner for developing electrostatic image

Title (de)  
Toner für die Entwicklung elektrostatischer Bilder

Title (fr)  
Toner pour le développement d'images électrostatiques

Publication  
**EP 0716350 A3 19960911 (EN)**

Application  
**EP 95308667 A 19951201**

Priority  
JP 32929894 A 19941205

Abstract (en)  
[origin: EP0716350A2] A toner for developing electrostatic images includes (a) toner particles having a weight-average particle size of 1 - 9  $\mu$ m, (b) hydrophobized inorganic fine powder having an average particle size of 10 - 90 nm and (c) hydrophobized silicon compound fine powder. The hydrophobized silicon compound fine powder has an average particle size of 5 - 30 nm, and a particle size distribution such that it contains 15 - 45 % by number of particles having sizes of 5 - 30 nm, 30 - 70 % by number of particles having sizes of 30 - 60 nm and 5 - 45 % by number of particles having sizes of at least 60 nm. The hydrophobized silicon compound fine powder having a broad particle size distribution including coarse particles functions to prevent the embedding of the hydrophobized inorganic fine powder (functioning as a flowability improver) from being embedded at the toner particle surfaces, whereby the toner is allowed to exhibit stable performances even in a continuous image formation on a large number of sheets.

IPC 1-7  
**G03G 9/08**; **G03G 9/097**

IPC 8 full level  
**G03G 9/08** (2006.01); **G03G 9/097** (2006.01)

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**G03G 9/08** (2013.01 - KR); **G03G 9/0825** (2013.01 - EP); **G03G 9/09716** (2013.01 - EP); **G03G 9/09725** (2013.01 - EP)

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