

Title (en)

Toner, toner cartridge that holds the toner therein, and image forming apparatus into which the toner cartridge is attached

Title (de)

Toner, Tonerkartusche, Bilderzeugungsvorrichtung

Title (fr)

Révéléateur, unité de traitement et appareil pour la formation d'images

Publication

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Application

**EP 02252780 A 20020419**

Priority

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Abstract (en)

[origin: EP1355196A2] A toner is used in an image-forming apparatus that incorporates a toner- collecting member. The toner- collecting member (6a) collects residual toner (16a) on a surface of an image-bearing body (1). The toner includes a spherical toner having at least a binder resin, and an irregularly- shaped particles mixed with the spherical toner. The irregularly shaped particle has an average diameter in the range of 1-50  $\mu$ m. The average diameter is 14 to 10% of the diameter of a spot printed by the image-forming apparatus. The irregularly shaped particle is a toner having the same color as the spherical toner. The irregularly shaped particle is a colorless toner. The irregularly shaped particle is charged opposite in polarity to the spherical toner. The irregularly has a roundness of 0.85 or less.

IPC 8 full level

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