Title (en)

ELECTROSTATOGRAPHIC PROCESSING SYSTEM

Publication

EP 0010375 B1 19830720 (EN)

Application

EP 79302077 A 19791002

Priority

- US 94778678 A 19781002
- US 94791478 A 19781002
- US 94820078 A 19781002

Abstract (en)

[origin: EP0010375A1] An electrostatographic processing system for obtaining enhanced copy quality in which transfer to a support material is effected by a corona generator (48) having an electrode (81) and the developer mixture includes toner particles having a particle size distribution with a median diameter by volume of about 12 microns with not more than 8% preferably 1 to 5% by volume of the particles having a diameter greater than 20 microns and not more than 20%, preferably 0.5 to 13.5%, by number of the particles having a diameter less than 5 microns. For best results the ratio of toner content to carrier is such that there is a solid area reflection optical density of fixed images of about 1.3. Further improvement in copy quality is achieved by also including a bias transfer roll (40) at the transfer station and by utilizing a fuser having a pressure roll in contact with a conformable heated fuser roll.

IPC 1-7

G03G 15/16; G03G 9/10

IPC 8 full level

G03G 13/16 (2006.01)

CPC (source: EP)

G03G 13/16 (2013.01)

Cited by

US2003134347A1; US4737433A; US9625413B2; US10067082B2; US9750439B2; US10349874B2; US9933385B2; US9968302B2; US10690614B2; US9669162B2; US9730584B2; US11538580B2; US10429250B2; US11150145B2; US11635332B2; US9743863B2; US9962091B2; US10750952B2; US9835582B2; US9980669B2; US10670553B2; US11435312B2; US9610034B2; US9891185B2; US10190150B2; US11091790B2; US9801545B2; USD902408S; USD914881S; US11793936B2; US11872370B2; US9980670B2; US10973443B2; US11116430B2; US11141084B2; US9949678B2; US9968306B2; US11612363B2; US11950936B2; US9649057B2; US10178954B2; US10201301B2; US10478108B2; US10653317B2; US10952611B2; US11696684B2; US10231654B2; US10952652B2; US11103165B2; US11272867B2; US11363975B2; US11399748B2; US11911151B1

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