Title (en)

Duplex electrostatic printing and copying.

Title (de)

Zweiseitiges elektrostatisches Druck- und Kopierverfahren.

Title (fr)

Méthode d'impression et de copie électrostatique recto verso.

Publication

EP 0265994 A2 19880504 (EN)

Application

EP 87201990 A 19810817

Priority

- US 18021880 A 19800821
- US 19464980 A 19801006
- US 22282981 A 19810105
- US 22283081 A 19810105

Abstract (en)

A method of duplex copying or printing comprises creating a first latent electrostatic image on a dielectric surface of a first image roller (73); toning the first latent electrostatic image to form a toned visible counterpart; transferring the toned first image to a surface of a second image roller (83) in rolling contact with the first image roller (73), this transfer being accomplished solely by pressure; creating a second latent electrostatic image on the dielectric surface of the first image roller (73); toning the second latent electrostatic image to form a toned visible counterpart; passing an image receptor (81) between the first image roller (73) and the second image roller (83); and transferring the toned first image from the second image roller (83) to one side of the image receptor, and simultaneously transferring the toned second image from the first image roller (73) to an opposite side of the image receptor, this step being accomplished solely by pressure with a simultaneous fixing of the toned images to the image receptor.

IPC 1-7

G03G 15/00; G03G 15/20

IPC 8 full level

B41J 2/385 (2006.01); **G01D 15/06** (2006.01); **G03G 15/00** (2006.01); **G03G 15/05** (2006.01); **G03G 15/16** (2006.01); **G03G 15/18** (2006.01); **G03G 15/20** (2006.01); **G03G 15/22** (2006.01); **G03G 15/32** (2006.01)

CPC (source: EP)

G03G 15/167 (2013.01); **G03G 15/18** (2013.01); **G03G 15/2092** (2013.01); **G03G 15/22** (2013.01); **G03G 15/323** (2013.01)

Cited by

GB2317144A; GB2317144B

Designated contracting state (EPC)

AT CH DE FR GB LI NL SE

DOCDB simple family (publication)

WO 8200723 A1 19820304; AU 4092589 A 19891207; AU 554695 B2 19860828; AU 590297 B2 19891102; AU 6017186 A 19861211; AU 7580481 A 19820317; BR 8108750 A 19820706; CA 1170117 A 19840703; DE 3177224 D1 19901122; EP 0058182 A1 19820825; EP 0058182 A4 19830406; EP 0058182 B1 19870304; EP 0140399 A1 19850508; EP 0140399 B1 19881221; EP 0166494 A1 19860102; EP 0166494 B1 19901017; EP 0265994 A2 19880504; EP 0265994 A3 19881123; EP 0266823 A2 19880511; EP 0266823 A3 19881123; ES 504840 A0 19821201; ES 8301037 A1 19821201; IL 63583 A0 19811130; IT 1139412 B 19860924; IT 8123593 A0 19810821; JP H0415953 B2 19920319; JP S57501348 A 19820729; MX 151040 A 19840917; MX 159260 A 19890509; NZ 198031 A 19881129; PT 73549 A 19810901; PT 73549 B 19821105

DOCDB simple family (application)

US 8101092 W 19810817; AU 4092589 A 19890830; AU 6017186 A 19860715; AU 7580481 A 19810817; BR 8108750 A 19810817; CA 384368 A 19810821; DE 3177224 T 19810817; EP 81902352 A 19810817; EP 84201142 A 19810817; EP 85201056 A 19810817; EP 87201989 A 19810817; EP 87201990 A 19810817; ES 504840 A 19810820; IL 6358381 A 19810814; IT 2359381 A 19810821; JP 50284381 A 19810817; MX 18884681 A 19810821; MX 20237381 A 19810821; NZ 19803181 A 19810813; PT 7354981 A 19810820