

Title (en)

Apparatus for developing an electrostatic image

Title (de)

Elektrostatistische Bildentwicklungsvorrichtung

Title (fr)

Dispositif pour le développement d'une image électrostatique

Publication

EP 1156390 A3 20040908 (DE)

Application

EP 01110191 A 20010508

Priority

- US 20488100 P 20000517
- US 57442500 A 20000519

Abstract (en)

[origin: EP1156390A2] The photocopying machine for developing an electrostatic image has a photo-conducting drum (12) with a magnetic brush in contact with the photo-conducting drum. The magnetic brush deposits a mixture of toner and hard-magnetic toner particles on the photo-conducting drum. An Independent claim is made for a support for a toner unit (10) with a support bar and a sliding bar that engages in the support bar. The sliding bar is shaped so that it holds the toner unit and a pair of mounting pins are used to mount the toner unit in relation to the sliding bar and a mounting member that brings the toner unit into register steadiness using the mounting pins.

IPC 1-7

G03G 15/09

IPC 8 full level

G03G 13/09 (2006.01); **G03G 15/00** (2006.01); **G03G 15/09** (2006.01); **G03G 21/16** (2006.01)

CPC (source: EP)

G03G 13/09 (2013.01); **G03G 15/09** (2013.01); **G03G 15/751** (2013.01); **G03G 2221/1606** (2013.01)

Citation (search report)

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- [DX] US 4546060 A 19851008 - MISKINIS EDWARD T [US], et al
- [X] US 6041203 A 20000321 - SUZUKI TSUTOMU [JP], et al
- [X] PATENT ABSTRACTS OF JAPAN vol. 018, no. 228 (P - 1730) 25 April 1994 (1994-04-25)
- [A] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 09 31 July 1998 (1998-07-31)
- [Y] PATENT ABSTRACTS OF JAPAN vol. 006, no. 145 (P - 132) 4 August 1982 (1982-08-04)
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- [A] PATENT ABSTRACTS OF JAPAN vol. 011, no. 032 (P - 541) 30 January 1987 (1987-01-30)
- [A] PATENT ABSTRACTS OF JAPAN vol. 004, no. 070 (P - 012) 23 May 1980 (1980-05-23)
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EP 1156390 A2 20011121; EP 1156390 A3 20040908; EP 1156390 B1 20070926; DE 10122237 A1 20011220; DE 10122411 A1 20020103; DE 10122411 B4 20100722; DE 50113051 D1 20071108

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