

Title (en)

IMAGE FORMING APPARATUS WITH AIR EXHAUSTION

Publication

EP 0316010 A3 19910306 (EN)

Application

EP 88118847 A 19881111

Priority

JP 28608487 A 19871112

Abstract (en)

[origin: EP0316010A2] An image forming apparatus includes image forming device for forming a toner image on a recording material, the image forming device including electrical discharger (2), fixing device (13) for fixing the toner image with heat, and air discharging device (24) for discharging air between said fixing device (13) and discharger (2) in said apparatus, and controller for controlling the discharging device (24) in accordance with a heated state of said fixing device (13).

IPC 1-7

G03G 15/20; G03G 21/00

IPC 8 full level

G03G 15/00 (2006.01); **G03G 15/02** (2006.01); **G03G 15/20** (2006.01); **G03G 21/00** (2006.01); **G03G 21/20** (2006.01)

CPC (source: EP)

G03G 15/0258 (2013.01); **G03G 15/2003** (2013.01); **G03G 21/206** (2013.01)

Citation (search report)

- [Y] DE 3026969 A1 19810212 - CANON KK
- [Y] EP 0167716 A1 19860115 - MITA INDUSTRIAL CO LTD [JP]
- [A] US 4178092 A 19791211 - HIKOSAKA TAKASHI [JP], et al
- [A] DE 2653486 A1 19780601 - EPPING REINHOLD H DR
- [A] US 3901591 A 19750826 - MITSUMASU SAKAE
- [Y] PATENT ABSTRACTS OF JAPAN, vol. 7, no. 101 (P-194)[1246], 28th April 1983; & JP-A-58 024 173 (TOKYO SHIBAURA DENKI K.K.) 14-02-1983
- [Y] PATENT ABSTRACTS OF JAPAN, vol. 7, no. 210 (P-223)[1355], 16th September 1983; & JP-A-58 102 968 (FUJI XEROX K.K.) 18-06-1983
- [A] PATENT ABSTRACTS OF JAPAN, vol. 11, no. 19 (P-537)[2466], 20th January 1987; & JP-A-61 193 173 (KONISHIROKU PHOTO IND. CO., LTD) 27-08-1986
- [A] PATENT ABSTRACTS OF JAPAN, vol. 8, no. 151 (P-286)[1588], 13th July 1984; & JP-A-59 049 571 (CANON K.K.) 22-03-1984
- [A] PATENT ABSTRACTS OF JAPAN, vol. 9, no. 161 (P-370)[1884], 5th July 1985; & JP-A-60 037 579 (TOSHIBA K.K.) 26-02-1985
- [A] PATENT ABSTRACTS OF JAPAN, vol. 11, no. 230 (P-599)[2677], 28th July 1987; & JP-A-62 043 664 (CANON INC.) 25-02-1987

Cited by

EP1074895A1; EP0556975A3; EP0406892A3; US5307133A; EP0443784A1; US5508782A; DE4010312A1; US5038170A; GB2326844A; GB2326844B; EP0606797A1; FR2699698A1; US5453824A; US6272307B1

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