

Publication

**EP 0525616 A3 19940427**

Application

**EP 92112537 A 19920722**

Priority

**JP 18259491 A 19910723**

Abstract (en)

[origin: EP0525616A2] A charging device having a counter (11) for outputting an information signal indicating the number of copies produced as a detection signal indicating a change in the thickness (T3) of a photosensitive layer (1c), and a microcomputer (12) for correcting the voltage to be applied to a charging roller (7) by a variable DC power source (10). When a detection signal from the counter (11) is input into the microcomputer (12), it corrects the voltage so as to approximate the surface potential of a photoreceptor drum to a set value. With this arrangement, the surface potential (Vc) of the photoreceptor drum (1) is kept uniform, and therefore it is possible to produce copies of good quality constantly. <IMAGE>

IPC 1-7

**G03G 15/02**; **G03G 15/00**; **G03G 21/00**

IPC 8 full level

**G03G 15/00** (2006.01); **G03G 15/02** (2006.01); **G03G 21/08** (2006.01)

CPC (source: EP)

**G03G 15/0266** (2013.01); **G03G 21/08** (2013.01); **G03G 2215/021** (2013.01)

Citation (search report)

- [Y] EP 0338546 A2 19891025 - CANON KK [JP]
- [Y] PATENT ABSTRACTS OF JAPAN vol. 14, no. 482 (P - 1119) 19 October 1990 (1990-10-19)
- [A] PATENT ABSTRACTS OF JAPAN vol. 7, no. 192 (P - 218)<1337> 23 August 1983 (1983-08-23)
- [A] PATENT ABSTRACTS OF JAPAN vol. 7, no. 253 (P - 235)<1398> 10 November 1983 (1983-11-10)
- [A] PATENT ABSTRACTS OF JAPAN vol. 8, no. 175 (P - 294)<1612> 11 August 1984 (1984-08-11)
- [X] PATENT ABSTRACTS OF JAPAN vol. 12, no. 368 (P - 766)<3215> 4 October 1988 (1988-10-04)
- [A] PATENT ABSTRACTS OF JAPAN vol. 13, no. 43 (P - 821)<3391> 31 January 1989 (1989-01-31)
- [A] PATENT ABSTRACTS OF JAPAN vol. 8, no. 6 (P - 247)<1443> 12 January 1984 (1984-01-12)

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**EP0751440A3**; **GB2356832A**; **GB2356832B**; **EP0663627A3**; **US5572295A**; **EP0698831A1**; **US5697010A**; **EP0702280A3**

Designated contracting state (EPC)

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