

Title (en)

Charging device.

Title (de)

Aufladevorrichtung.

Title (fr)

Dispositif de chargement.

Publication

EP 0525616 A2 19930203 (EN)

Application

EP 92112537 A 19920722

Priority

JP 18259491 A 19910723

Abstract (en)

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

IPC 8 full level

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

CPC (source: EP)

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Cited by

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

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