

Title (en)
Electrophotographic copier.

Title (de)
Elektrophotographisches Kopiergerät.

Title (fr)
Copieuse électrophotographique.

Publication
EP 0046852 A1 19820310 (EN)

Application
EP 81105224 A 19810706

Priority
US 18215480 A 19800828

Abstract (en)
Following power switch-off to or in a copier for any reason, e.g. due to a paper jam, or a power failure, when power switch-on occurs, the position of the photosensitive drum (12) is determined, and a drum cleaning portion (17,27) of the copier cycle is first automatically performed if the drum is not initially in its reference position. During the copy producing portion of the normal copier cycle, photosensitive surface (11) sequentially passes coronas (17,19) for charging, optics (21) for exposing, magnetic brush (27) for developing, and corona (17) for transferring. During the cleaning portion of the normal copier cycle, photosensitive surface (11) sequentially passes corona (19) and optics (21) for charge neutralization, and magnetic brush (27) for toner removal. Reference point (16) is always located at its position under corona (17) as shown in Figure 1, at the beginning and at the end of a normal copier cycle.

IPC 1-7
G03G 21/00

IPC 8 full level
G03G 15/22 (2006.01); **G03G 21/00** (2006.01); **G03G 21/14** (2006.01)

CPC (source: EP)
G03G 21/0005 (2013.01)

Citation (search report)

- GB 1363358 A 19740814 - IBM
- US 3914045 A 19751021 - NAMIKI RYOICHI, et al
- US 4185910 A 19800129 - KOYAMA MITSUAKI [JP], et al
- US 3834807 A 19740910 - FULLER S, et al
- US 3982830 A 19760928 - DANIELS RAYMOND A, et al

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0046852 A1 19820310; EP 0046852 B1 19840321; CA 1173890 A 19840904; DE 3162795 D1 19840426; JP S5754971 A 19820401

DOCDB simple family (application)
EP 81105224 A 19810706; CA 380146 A 19810618; DE 3162795 T 19810706; JP 10715581 A 19810710