

Title (en)

Cleaning device for an electrostatic copying apparatus.

Title (de)

Reinigungsvorrichtung für ein elektrostatisches Kopiergerät.

Title (fr)

Dispositif de nettoyage pour appareil de tirage électrostatique.

Publication

**EP 0033647 A2 19810812 (EN)**

Application

**EP 81300404 A 19810130**

Priority

- JP 1181080 A 19800131
- JP 1181180 A 19800131
- JP 1203480 U 19800131
- JP 1203580 U 19800131
- JP 1203680 U 19800131
- JP 1203780 U 19800131

Abstract (en)

A cleaning device for a transfer type electrostatic copying apparatus which comprises magnetic brush cleaning means for cleaning off a magnetizable toner remaining on a photo sensitive material after transfer, comprising : (a) a hair brush roller disposed between the magnetic brush cleaning means and a transfer zone, and having a construction that a hair brush is filled on a peripheral surface of a cylindrical sleeve of light transmitting material and driven for rotation and is contact with the photosensitive material; and (b) a charge eraser lamp secured within the cylindrical sleeve. The photosensitive material or photoreceptor is almost completely erased with respect to the charge, and consequently, the cleaning efficiency is markedly improved owing to the facilitated removal of the developing material through by the magnetic brush.

IPC 1-7

**G03G 21/00**

IPC 8 full level

**G03G 21/00** (2006.01)

CPC (source: EP)

**G03G 21/0005** (2013.01); **G03G 21/0035** (2013.01)

Cited by

EP0230791A1; US4750015A

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 0033647 A2 19810812**; **EP 0033647 A3 19811230**; **EP 0033647 B1 19850821**; DE 3171869 D1 19850926

DOCDB simple family (application)

**EP 81300404 A 19810130**; DE 3171869 T 19810130