

Title (en)

Toner image transferring device used in electrophotographic field.

Title (de)

Tonerbildübertragungsvorrichtung, nutzbar auf elektrophotographischem Gebiet.

Title (fr)

Dispositif de transfert d'une image à tour utile dans le champ électrophotographique.

Publication

EP 0385674 A2 19900905 (EN)

Application

EP 90301970 A 19900223

Priority

- JP 4436789 A 19890225
- JP 4436889 A 19890225
- JP 4436989 A 19890225

Abstract (en)

A toner image transferring device is applied to, for example, an electrophotographic printer for electrostatically transferring a charged toner image from a photosensitive drum (10) to a sheet or paper (P), and comprises a transfer charger (16) disposed near the drum (10) to form a clearance therebetween for feeding an electric charge to the sheet or paper through which the sheet or paper is passed, an electric source (38) for supplying an electric energy to the transfer charger to give the sheet or paper an electric charge having a polarity opposite to that of the toner image, and a controller (40) for controlling the electric energy output from the electric source (38) to the transfer charger (11) so that a leading edge of the sheet or paper can be prevented from being excessively charged.

IPC 1-7

G03G 15/16

IPC 8 full level

G03G 15/16 (2006.01)

CPC (source: EP KR)

G03G 15/16 (2013.01 - KR); **G03G 15/1645** (2013.01 - EP)

Cited by

US5276491A; EP0436306A3

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0385674 A2 19900905; **EP 0385674 A3 19910904**; **EP 0385674 B1 19950809**; CA 2010623 A1 19900825; CA 2010623 C 19950124; DE 69021411 D1 19950914; DE 69021411 T2 19960215; KR 910015895 A 19910930; KR 930010872 B1 19931115

DOCDB simple family (application)

EP 90301970 A 19900223; CA 2010623 A 19900221; DE 69021411 T 19900223; KR 900002439 A 19900226