

Title (en)

TONER IMAGE TRANSFERRING DEVICE USED IN ELECTROPHOTOGRAPHIC FIELD

Publication

EP 0385674 A3 19910904 (EN)

Application

EP 90301970 A 19900223

Priority

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

Abstract (en)

[origin: EP0385674A2] 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)

Citation (search report)

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- [A] US 4772918 A 19880920 - KARASAWA KAZUNORI [JP], et al
- [A] US 4183653 A 19800115 - KUDOH KUNIO [JP], et al
- [AP] PATENT ABSTRACTS OF JAPAN vol. 13, no. 502 (P-958)(3850), 13 November 1989; & JP - A - 1201686 (RICOH) 14.08.1989
- [A] PATENT ABSTRACTS OF JAPAN vol. 7, no. 180 (P-215)(1325), 9 August 1983; & JP - A - 5882282 (CANON) 17.05.1983
- [A] PATENT ABSTRACTS OF JAPAN vol. 11, no. 12 (P-535)(2459), 13 January 1987; & JP - A - 61188570 (CANON) 22.08.1986

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