

Title (en)

Single pass, multi-colour electrostatographic printer

Title (de)

Mehrfarben elektrostatischer Drucker mit einem Umlauf

Title (fr)

Imprimante électrostatographique à plusieurs couleurs à une seule passe

Publication

EP 0775948 A1 19970528 (EN)

Application

EP 96308477 A 19961122

Priority

- EP 96308477 A 19961122
- EP 95308508 A 19951124
- US 2284896 P 19960731

Abstract (en)

A single pass, multi-colour electrostatographic printer comprises a transfer member (94), which is driven along a continuous path. A plurality of toner images of different colours are simultaneously electrostatically deposited in powder form in register with each other on the transfer member (94) to form a multiple toner image thereon. Substrate (28) is fed into contact with the transfer member. The multiple toner image is thereby transferred to at least one face of the substrate. The printer includes heating means (109) for heating the multiple toner image on the transfer member in advance of the transfer of the image to the substrate and cooling means (110) for cooling the transfer member following the transfer of the multiple toner image therefrom to the substrate to a temperature below the glass transition temperature T_g of the toner, prior to the deposition of further toner images on the transfer member. <IMAGE>

IPC 1-7

G03G 15/16; **G03G 15/01**

IPC 8 full level

G03G 15/01 (2006.01); **G03G 15/16** (2006.01)

CPC (source: EP)

G03G 15/0131 (2013.01); **G03G 15/161** (2013.01); **G03G 2215/00455** (2013.01); **G03G 2215/1695** (2013.01)

Citation (applicant)

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