

Title (en)
IMAGING METHOD AND APPARATUS.

Title (de)
VERFAHREN UND GERÄT ZUR BILDERHERSTELLUNG.

Title (fr)
PROCEDE ET APPAREIL DE FORMATION D'IMAGES.

Publication
EP 0486534 B1 19940928 (EN)

Application
EP 90911661 A 19900723

Priority

- CA 2075948 A 19901213
- NL 9000049 W 19900417
- NL 9000099 W 19900723
- US 39364989 A 19890814
- US 40071789 A 19890830
- US 44687789 A 19891206
- US 50828790 A 19900413

Abstract (en)
[origin: WO9103007A1] A method and apparatus for transferring liquid toner images from an image forming surface (10) to an intermediate transfer member (40) for subsequent transfer to a final substrate (42). The liquid toner images include carrier liquid and pigmented polymeric toner particles which are essentially non-soluble in the carrier liquid at room temperature, and which form a single phase at elevated temperatures. The method includes the steps of: concentrating the liquid toner image by compacting the solids portion of the liquid toner image and removing carrier liquid therefrom; transferring the liquid toner image to the intermediate transfer member (40), heating the liquid toner image on the intermediate transfer member (40) to a temperature at which the toner particles and the carrier liquid form a single phase; and transferring the heated liquid toner image to a final substrate (42).

IPC 1-7
G03G 15/16; **G03G 15/10**

IPC 8 full level
G03G 13/10 (2006.01); **G03G 5/04** (2006.01); **G03G 5/14** (2006.01); **G03G 7/00** (2006.01); **G03G 15/10** (2006.01); **G03G 15/16** (2006.01); **G03G 15/23** (2006.01)

CPC (source: EP)
G03G 5/04 (2013.01); **G03G 5/142** (2013.01); **G03G 7/00** (2013.01); **G03G 15/11** (2013.01); **G03G 15/161** (2013.01)

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
WO 9103007 A1 19910307; CA 2064848 A1 19910215; CA 2064848 C 20010529; DE 69013000 D1 19941103; DE 69013000 T2 19950504; EP 0486534 A1 19920527; EP 0486534 B1 19940928; HK 137595 A 19950908; JP 3263069 B2 20020304; JP H04507303 A 19921217

DOCDB simple family (application)
NL 9000099 W 19900723; CA 2064848 A 19900723; DE 69013000 T 19900723; EP 90911661 A 19900723; HK 137595 A 19950831; JP 51093290 A 19900723