

Title (en)

A toner image resistant to cracking

Title (de)

Risswiderstandsfähiges Tonerbild

Title (fr)

Image de révélateur résistent à la fêlure

Publication

EP 0816928 B1 20010321 (EN)

Application

EP 97201978 A 19970626

Priority

- EP 97201978 A 19970626
- EP 96201826 A 19960701

Abstract (en)

[origin: EP0816928A2] A toner image, comprising a plurality of fused different types of toner particles on a substrate is provided wherein on top of the image, optionally comprising a clear finish layer, a plasticizer is present in an amount between 0.1 and 10 g/m². At least one of the different types of toner particles contains a toner resin with at least one reactive group A and the plasticizer carries at least one reactive group B and when the plasticiser is applied to the toner image, the reactive group A reacts with reactive group B and forms a chemical bond between the toner image and the plasticiser. A method and an apparatus for providing such a toner image, resistant to cracking are also provided.

IPC 1-7

G03G 8/00; G03G 11/00

IPC 8 full level

G03G 8/00 (2006.01); **G03G 9/087** (2006.01); **G03G 11/00** (2006.01)

CPC (source: EP)

G03G 8/00 (2013.01); **G03G 9/08791** (2013.01); **G03G 11/00** (2013.01)

Cited by

WO2010086356A1

Designated contracting state (EPC)

BE DE FR GB

DOCDB simple family (publication)

EP 0816928 A2 19980107; **EP 0816928 A3 19980121**; **EP 0816928 B1 20010321**

DOCDB simple family (application)

EP 97201978 A 19970626