

Title (en)

Method and apparatus for fixing toner on a substrate

Title (de)

Verfahren und Vorrichtung zum Fixieren von Toner auf einem Substrat

Title (fr)

Méthode et appareil pour le fixage de toner sur un substrat

Publication

EP 1369751 B1 20071107 (DE)

Application

EP 03004610 A 20030301

Priority

DE 10225604 A 20020607

Abstract (en)

[origin: EP1369751A1] The device (7,8) is fixing toner on a substrate and comprises a heatable fixture roller (7) contacting the toner, heating to a temperature greater than or equal to its glass transition temperature. Before the heating of the toner by the fixture device, a pre-heating (1,2) is carried out without contact, with which the toner is heated to a temperature less than or equal to its glass transition temperature. A transport device for moving the substrate from the location of the pre-heating to that of fixing the toner is tempered at a constant temperature of preferably 40 degrees Celsius. The pre-heating device is connected to at least one microwave source.

IPC 8 full level

G03G 15/20 (2006.01); **H05B 6/78** (2006.01); **H05B 6/80** (2006.01)

CPC (source: EP US)

G03G 15/2003 (2013.01 - EP US)

Citation (examination)

WO 03056394 A1 20030710 - KODAK POLYCHROME GRAPHICS LLC [US]

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