

Title (en)

PRINTER OR COPIER FOR SIMULTANEOUSLY PRINTING A SUPPORTING MATERIAL ON BOTH SIDES

Title (de)

DRUCKER ODER KOPIERER ZUM SIMULTANEN BEIDSEITIGEN BEDRUCKEN EINES TRÄGERMATERIALS

Title (fr)

IMPRIMANTE OU PHOTOCOPIEUR POUR IMPRESSION SIMULTANEE SUR DEUX FACES D'UN MATERIAU SUPPORT

Publication

EP 1110125 B1 20041229 (DE)

Application

EP 99947276 A 19990903

Priority

- DE 19840201 A 19980903
- EP 9906487 W 19990903

Abstract (en)

[origin: WO0014607A2] The invention relates to a printer or copier for simultaneously printing a supporting material on both sides. Two transfer bands (41, 42) transfer toner images (44, 45) onto a supporting material (43). A transfer corotron (47a) recharges the toner particles in the polarity thereof. The toner particles are transferred onto the supporting material (43) at the transfer point by an electric field (F). The invention also relates to a corotron device comprising counter-electrodes having small surfaces.

IPC 1-7

G03G 15/23; G03G 15/16

IPC 8 full level

G03G 15/16 (2006.01); **G03G 15/23** (2006.01)

CPC (source: EP US)

G03G 15/16 (2013.01 - EP US); **G03G 15/163** (2013.01 - EP US); **G03G 15/231** (2013.01 - EP US); **G03G 2215/1609** (2013.01 - EP US)

Designated contracting state (EPC)

BE DE FR GB

DOCDB simple family (publication)

WO 0014607 A2 20000316; WO 0014607 A3 20000824; DE 59911378 D1 20050203; DE 59915218 D1 20101223; EP 1110125 A2 20010627; EP 1110125 B1 20041229; EP 1465023 A1 20041006; EP 1465023 B1 20101110; US 6556804 B1 20030429

DOCDB simple family (application)

EP 9906487 W 19990903; DE 59911378 T 19990903; DE 59915218 T 19990903; EP 04012249 A 19990903; EP 99947276 A 19990903; US 78625701 A 20010418