

Title (en)
Electrophotographic printing machine

Title (de)
Elektrophotographisches Druckgerät

Title (fr)
Appareil d'impression électrophotographique

Publication
EP 0552745 B1 19970514 (EN)

Application
EP 93100821 A 19930120

Priority
JP 848992 A 19920121

Abstract (en)
[origin: EP0552745A2] An electrophotographic printing machine includes a photoreceptor drum, and a dielectric transfer belt. The transfer belt moves in contact with a surface of the photoreceptor drum. A toner image formed on the surface of the photoreceptor drum is temporally transferred to the transfer belt, and is then transferred to and fixed on a recording material by a transfer and fusing unit. The transfer and fusing unit includes a heater and a pressure roller mounted to face each other with the transfer belt therebetween. The recording material is transported onto the transfer belt moving toward the heater, and then to the transfer and fusing unit by the transfer belt. The transfer belt stably applies a transport force evenly to the recording material without interruption so that the recording material is carried stably to the transfer and fusing unit. Consequently, the toner image is transferred to and fixed on the recording material without distortion. <IMAGE>

IPC 1-7
G03G 15/16; **G03G 15/24**

IPC 8 full level
B41J 2/44 (2006.01); **B41J 2/45** (2006.01); **B41J 2/455** (2006.01); **G03G 15/05** (2006.01); **G03G 15/16** (2006.01); **G03G 15/20** (2006.01); **G03G 15/24** (2006.01); **G03G 15/34** (2006.01)

CPC (source: EP)
G03G 15/1605 (2013.01); **G03G 15/24** (2013.01); **G03G 15/344** (2013.01)

Cited by
US7956064B2; US9062043B2

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0552745 A2 19930728; **EP 0552745 A3 19931027**; **EP 0552745 B1 19970514**; DE 69310556 D1 19970619; DE 69310556 T2 19971218; JP H05197241 A 19930806

DOCDB simple family (application)
EP 93100821 A 19930120; DE 69310556 T 19930120; JP 848992 A 19920121