

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  
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