

Title (en)

Method of using an image forming apparatus

Title (de)

Verfahren zur Verwendung eines Bilderzeugungsgerätes

Title (fr)

Méthode d'utilisation d'un appareil de formation d'images

Publication

**EP 0973071 A3 20000705 (EN)**

Application

**EP 99304271 A 19990601**

Priority

- EP 99304271 A 19990601
- EP 98305581 A 19980714

Abstract (en)

[origin: EP0973071A2] A plurality of electrostatic images are formed on a moving tensioned belt (26) comprising an electrically conductive base (58) having a non-conductive image-carrying surface layer (59). The images are developed by passing the belt through a plurality of toner development stations, each of which includes a development unit (35, 36, 37, 38) including a magnetic roller (51) and a backing member (53), in opposed position to the magnetic roller (51), over which the belt (26) passes. Under non-ideal conditions (defined in the text), the image quality in terms of image density and uniformity of image density and rendition of sharp image transitions, is substantially improved by using an alternating electrical field between the magnetic roller (51) and the belt (26), the peak-to-peak voltage of which is greater than 800 volts. <IMAGE>

IPC 1-7

**G03G 15/00**; **G03G 15/01**; **G03G 15/09**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [DA] EP 0424137 A2 19910424 - KONISHIROKU PHOTO IND [JP]
- [DA] EP 0625734 A1 19941123 - EASTMAN KODAK CO [US]
- [DA] US 5652648 A 19970729 - BEHE THOMAS J [US], et al
- [DA] WO 9807073 A1 19980219 - AGFA GEVAERT NV [BE], et al
- [DA] PATENT ABSTRACTS OF JAPAN vol. 010, no. 009 (P - 420)<2066> 14 January 1986 (1986-01-14)

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