

Title (en)

Electrostatographic printer with image-fixing station

Title (de)

Elektrostatographisches Druckgerät mit Bildfixierstation

Title (fr)

Appareil à imprimer électrostatographique avec une station de fixage d'images

Publication

EP 0629930 B1 19980527 (EN)

Application

EP 94304264 A 19940613

Priority

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- EP 93304768 A 19930618

Abstract (en)

[origin: EP0629930A2] An electrostatographic printer includes an imaging station (A, B, C, D, E) for forming a latent electrostatic image on the surface of a drum (24), a toner development station (32) for developing the latent image to form a toner image, and a toner transfer station (34) for transferring the toner image onto a moving web. An image-fixing station (16) for fixing the toner image on the web comprises two pairs of radiant heat sources (92), the peak energy output wavelength of which lies in the non-visible part of the spectrum. The radiant sources (92) may be located in hingedly mounted pairs of housings (80, 81, 82, 83) in such a manner that the housings may be moved into a closed position to shield the radiant sources (92) from the web when the speed of movement of the web falls below a predetermined value. Damage to the web when movement thereof stops is thereby avoided. <IMAGE>

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Cited by

US5805969A; US6915101B2; US6449458B1; WO9966372A1; US7651759B2; US7655294B2; WO2005124469A1; US7695772B2; US7989054B2

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