

Title (en)
Image recording apparatus

Title (de)
Bildaufzeichnungsgerät

Title (fr)
Appareil pour l'enregistrement d'image

Publication
EP 0687963 B1 19991103 (EN)

Application
EP 95304014 A 19950609

Priority
JP 12998794 A 19940613

Abstract (en)
[origin: EP0687963A2] A surface of a pyroelectric layer (1) of a latent image charge keeping medium (3) is selectively heated by a thermal head (4) according to a video signal. In a heated portion of the medium (3), there is collected electric charge to form an electrostatic latent image (17) on the surface of the pyroelectric layer (1). When the latent image (17) is developed by a developer (7), a developing sleeve (10) is applied with an appropriate bias voltage obtained according to temperatures of the thermal head (4), the latent image charge keeping medium (3) and the apparatus sensed by temperature sensors (21, 21a, 21b). This keeps the potential contrast between the latent image (17) and the sleeve (10) to remain within a favorable range in any situation. Consequently, even when the charge density of the latent image becomes excessive due to, for example, heat accumulation of the thermal head (4), it is possible to prevent increase in the recording density so as to suppress the foggy portion in the picture.
<IMAGE>

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G03G 21/20; **G03G 15/06**; **G03G 15/32**

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