

ABSTRACT

Thermal Transfer Recording Method and Thermal Transfer Printer

When forming an image by superimposing heat-sublimation inks of yellow, magenta and cyan and a heat-sublimation ink of black on each other, an energy to be applied to the heat-generating elements in printing with the black ink is controlled such that the print paper is not deformed thermally. Carriage travel speed in printing with the black ink is made faster than that in printing with the inks of the three colors, thereby preventing the thermal deformation of the paper from occurring. A transparent heat-melt ink is printed over an image formed with the heat-sublimation inks of the three colors, thereby maintaining the resultant print in good quality.

(Figure 1)