

Title (en)

Method and apparatus for thermal printing suitable for large printing area.

Title (de)

Verfahren und Vorrichtung zum Thermodrucken für grosse Druckflächen.

Title (fr)

Méthode et dispositif d'impression thermique pour grandes surfaces.

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Application

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Abstract (en)

An apparatus and a method for thermally printing desired printing patterns on a printing object (11) is disclosed using a carbon ribbon (1) having thermally transferable carbon black on its front side. A printing head (19) placed on a first track creates the desired printing patterns on carbon ribbon and a thermal transfer roller (23) placed on a second track presses the front side of the carbon ribbon onto the printing object to thermally transfer the desired printing pattern from the carbon ribbon to the printing object. The carbon black is expended thereby and the expended carbon ribbon is guided in a closed loop to the front side of the unexpended carbon ribbon at the printing head to take extraneous images there.

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