

Title (en)
PRINTING PROCESS FOR A THERMAL TRANSFER TYPE MULTICOLOR PRINTER

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Application
EP 87306080 A 19870709

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JP 16890786 A 19860717

Abstract (en)
[origin: EP0256660A2] A printing process for a thermal transfer type multicolor printer repeatedly transfer a plurality of color ink, such as yellow, magenta and cyan color ink, in turn on a printing paper (1) so as to obtain a multicolor printed paper (1c). After every time when one color ink is transferred to the printing paper (1), the printing paper (1) lapped with a multicolor ink film (2) is fed forward to a predetermined separation position at a predetermined printing speed under a pressure applied between a thermal head (7) and a platen roller (6). Thereafter, the thermal head (7) is separated from the platen roller (6) so as to prevent the remaining heat of the thermal head (7) from affecting to the multicolor ink film (2), so that the ink wax of the multicolor ink film (2) is prevented from being melted and working as an adhesive agent for the printing paper (1) and the multicolor ink film (2). Hence, the printing paper (1) can be separated from the multicolor ink film (2) with ease. Then the feeding speed of the printing paper (1) is made slower than that of the multicolor ink film (2) so as to prevent the multicolor ink film (2) from slackening. Thereafter, the printing paper (1) is completely separated from the multicolor ink film (2) and the transferred ink quantity is not changed in this separation process (S5, S10 and S15; S6, S11 and S16), thus, the multicolor dot printing can be performed with accuracy.

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