

Title (en)

Economic use of impression transfer material printing method.

Title (de)

Druckverfahren mit wirtschaftlicher Ausnutzung des Übertragungsmaterials.

Title (fr)

Méthode d'impression avec utilisation économique du matériau de transfert.

Publication

EP 0683055 A3 19961106 (EN)

Application

EP 95300931 A 19950215

Priority

- GB 9410273 A 19940520
- GB 9419469 A 19940927

Abstract (en)

[origin: EP0683055A2] A method of printing is described which utilises a printing head (11) having a plurality of printing elements each of which is operable to transfer a pixel print medium from a carrier (12) on to an adjacent substrate, the method comprising the steps of: a) causing relative movement between the substrate and carrier (12), and the print head (11), such that the print head (11) moves relative to an area of the carrier (12) from a start position to an end position whilst utilising some or all of the printing elements to transfer a first set of pixels of print medium from the area of the carrier (12) on to the substrate; b) causing relative movement between the print head (11) and the carrier (12) to replace the print head (11) at the start position; c) causing relative movement between the carrier (12) and the substrate such that fresh substrate is presented adjacent to the area of the carrier (12), and d) causing relative movement between fresh substrate and the carrier (12), and the print head (11), such that the print head (11) moves relative to the area of the carrier (12) again from the start position to the end position whilst utilising some or all of the printing elements, to transfer a second set of pixels of the print medium from the area of the carrier (12), onto the adjacent fresh substrate.

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CPC (source: EP)

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Citation (search report)

- [X] DE 3608360 A1 19870917 - OLYMPIA AG [DE]
- [X] PATENT ABSTRACTS OF JAPAN vol. 9, no. 183 (M - 400)<1906> 30 July 1985 (1985-07-30)
- [A] PATENT ABSTRACTS OF JAPAN vol. 12, no. 120 (M - 685) 14 April 1988 (1988-04-14)
- [A] NN: "Ribbon-saving technique for APA printers.", IBM TECHNICAL DISCLOSURE BULLETIN, vol. 31, no. 10, March 1989 (1989-03-01), NEW YORK US, pages 235 - 237, XP000119067

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US6019527A; US5873662A; US5815193A; CN1116179C; GB2315244A; GB2315244B; US5846002A; US5971634A; US7150572B2; US6247859B1; WO9632258A1; WO9736751A1

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