

Title (en)

Reconfigurable printhead table for digital printers

Title (de)

Rekonfigurierbarer Drucktisch eines digitalen Druckers

Title (fr)

Plateau d'enregistrement reconfigurable pour une imprimante numérique

Publication

EP 1721751 A1 20061115 (EN)

Application

EP 05104412 A 20050524

Priority

- EP 05103836 A 20050509
- EP 05104412 A 20050524

Abstract (en)

A digital printing method is provided in which a segmented static print table normally supports the working area during printing. For enabling borderless printing or printing on a mesh material the step is included of reconfiguring the static printing table by removing and replacing segments of the table and replacing them bucket segments or by a gutter part to collect jetted ink passing through or aside the medium. This avoids contamination of the static print table leading to smearing and bad prints.

IPC 8 full level

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CPC (source: EP)

B41J 3/28 (2013.01); **B41J 11/0065** (2013.01); **B41J 11/0085** (2013.01); **B41J 11/06** (2013.01); **B41J 13/14** (2013.01); **B65H 5/04** (2013.01);
B65H 5/222 (2013.01); **B65H 20/14** (2013.01); **B65H 20/18** (2013.01); **B65H 2301/4493** (2013.01); **B65H 2406/342** (2013.01);
B65H 2406/351 (2013.01)

Citation (search report)

- [X] US 2002168206 A1 20021114 - SMITH DANIEL E [US]
- [X] US 2004046829 A1 20040311 - TAGUCHI AKIHIRO [JP], et al
- [A] US 6190071 B1 20010220 - MOCHIZUKI HIDETAKE [JP], et al
- [A] EP 1304225 A2 20030423 - SEIKO EPSON CORP [JP]
- [A] DE 3429188 A1 19860213 - RUDI JORDAN GMBH [DE]

Cited by

EP2468521A4; US7837287B2; US7744210B2

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DOCDB simple family (application)

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