

Title (en)

Printers with at least two color sheets each carrying print substance

Title (de)

Druckmaschinen mit mindestens zwei jeweils eine Drucksubstanz tragenden Farbrägern

Title (fr)

Dispositifs à imprimer avec au moins deux feuilles colorées et porteuses de substance d'impression

Publication

EP 1593513 A3 20080305 (DE)

Application

EP 05101653 A 20050303

Priority

DE 102004022230 A 20040504

Abstract (en)

[origin: EP1593513A2] The machine has two color carriers in a transfer direction of printing substrates (08), and including printing substances (07, 26). Radiation sources send radiation energy to the substances. A controlling device (28) controls the sources based on the transfer duration of printing substrates between places where the substances are transferred, such that the sequential printing is synchronized to create color epitomes of a print image.

IPC 8 full level

B41J 2/005 (2006.01); **B41J 2/435** (2006.01)

CPC (source: EP)

B41J 2/442 (2013.01); **B41J 2/21** (2013.01); **B41J 2/471** (2013.01); **B41J 2/515** (2013.01)

Citation (search report)

- [X] US 6330857 B1 20011218 - MAXIMOVSKY SERGEI NIKOLAEVICH [RU], et al
- [PX] WO 2004052648 A1 20040624 - KOENIG & BAUER AG [DE], et al
- [DA] DE 19746174 C1 19990708 - LEHMANN UDO DR [DE]
- [A] JP 2002086772 A 20020326 - THINK LABS KK
- [A] JP H03146388 A 19910621 - KUWABARA YASUNAGA
- [DA] WO 0172518 A1 20011004 - AURENTUM INNOVATIONSTECHNOLOGI [DE], et al
- [A] DE 19723059 A1 19981203 - WIFAG MASCHF [CH]
- [A] DE 19727824 C1 19981119 - SIEMENS AG [DE]
- [A] US 5689425 A 19971118 - SAINIO JEFFREY W [US], et al
- [A] EP 1384580 A1 20040128 - SERV O TEC DRUCK UND PAPIERVER [DE]
- [A] WO 9531333 A1 19951123 - ADVANCED VISION TECH LTD [IL], et al

Cited by

EP1759844A3; WO2007096746A3; US8337947B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

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