

Title (en)

Method of imaging surfaces in printing machines

Title (de)

Verfahren zum Bebildern von Oberflächen in Druckmaschinen

Title (fr)

Procédé de formation d'image dans des presses

Publication

**EP 1225040 A3 20040102 (DE)**

Application

**EP 01128385 A 20011203**

Priority

DE 10102562 A 20010120

Abstract (en)

[origin: EP1225040A2] To form the printing matter and images on a printing surface, the printing surface is of a hydrophilic material or it has a hydrophilic coating. At the preparation stage, the text and images are formed on the printing surface by a jet printer, which uses a hydrophobic material. An adhesive is applied to the hydrophilic surface directly before the jet printing with a hydrophobic material. To prepare a printing plate, the adhesive on the hydrophilic surface can be applied by the jet printer, at a time gap before it prints with the hydrophobic material. The adhesive contains a cross linking agent, and has a fine pore structure so that the surface of the adhesive has open pores. A foaming agent can be mixed into the adhesive.

IPC 1-7

**B41C 1/10**; B41N 3/03

IPC 8 full level

**B41C 1/10** (2006.01)

CPC (source: EP)

**B41C 1/1066** (2013.01)

Citation (search report)

- [XAY] WO 0076779 A1 20001221 - KODAK POLYCHROME GRAPHICS CO [US]
- [XY] WO 0046029 A1 20000810 - KODAK POLYCHROME GRAPHICS CO [US]
- [XAY] GB 2344069 A 20000531 - EASTMAN KODAK CO [US]
- [Y] EP 0641648 A1 19950308 - ADLER URI [IL]

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**EP 1225040 A2 20020724**; **EP 1225040 A3 20040102**; **EP 1225040 B1 20060628**; AT E331618 T1 20060715; DE 10102562 A1 20020725; DE 50110329 D1 20060810

DOCDB simple family (application)

**EP 01128385 A 20011203**; AT 01128385 T 20011203; DE 10102562 A 20010120; DE 50110329 T 20011203