

Title (en)

NEW METHOD FOR MODIFYING THE SURFACE STATE OF MATERIALS, AND OBJECTS PRESENTING A MODIFIED SURFACE STATE OBTAINED BY SUCH METHOD

Publication

EP 0137838 B1 19870729 (FR)

Application

EP 84901356 A 19840321

Priority

FR 8304908 A 19830325

Abstract (en)

[origin: WO8403664A1] The method is characterized in that there are applied simultaneously to the surface of a material a plurality of typo-offset, serigraphy or offset inks or varnishes having different polymerization temperatures and speeds, in that a predrying is carried out as an appropriate temperature and during a time lapse sufficient to cure a certain type of ink (s), in that charge particles are applied to the treated surface and adhere exclusively to the inks which have not yet cured, in that the charge particles in excess are removed by suction and/or blowing and in that the drying is finished at appropriate temperature and time duration to complete the curing of all types of inks. Application to the relief offset printing.

IPC 1-7

B41M 7/02

IPC 8 full level

B05D 1/00 (2006.01); **B41M 7/02** (2006.01); **B44C 1/00** (2006.01)

CPC (source: EP US)

B41M 7/02 (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)

WO 8403664 A1 19840927; AU 2699084 A 19841009; AU 571866 B2 19880428; DE 3465040 D1 19870903; EP 0137838 A1 19850424; EP 0137838 B1 19870729; FR 2543060 A1 19840928; FR 2543060 B1 19851206; JP H034036 B2 19910122; JP S60500904 A 19850620; US 4684548 A 19870804

DOCDB simple family (application)

FR 8400072 W 19840321; AU 2699084 A 19840321; DE 3465040 T 19840321; EP 84901356 A 19840321; FR 8304908 A 19830325; JP 50133784 A 19840321; US 68326984 A 19841119