

Title (en)
METHOD FOR PRODUCING A PRINTING SCREEN FOR SERIGRAPHY

Title (de)
VERFAHREN ZUM HERSTELLEN EINER DRUCKSCHABLONE FÜR SIEBDRUCK

Title (fr)
PROCEDE DE PRODUCTION D'UN POCHOIR POUR SERIGRAPHIE

Publication
EP 1417099 B1 20061115 (DE)

Application
EP 02767282 A 20020731

Priority

- DE 10138816 A 20010814
- DE 10233767 A 20020725
- EP 0208513 W 20020731

Abstract (en)
[origin: WO03016055A1] The invention relates to a method for producing a screen printing stencil. According to the invention, a carrier surface is coated especially by means of a roller squeegee or an air squeegee, by screen roller application or by spray application, in such a way that a coating paste in an uncross-linked state consisting of a laser-engravable material is applied to a printing tissue, and is subjected to a hardening or cross-linking process, and the coating is then subsequently processed by means of laser radiation on the printing tissue. The coating paste consisting of a laser-engravable material is applied to a dimensionally stable transfer film, and is transferred from the transfer film to the printing tissue in the uncross-linked state. It has been proven advantageous to apply the coating paste to the printing tissue for the serigraphy, said printing tissue being stretched on a screen printing stencil, and to apply the coating over the entire surface or a part of the same.

IPC 8 full level
B41C 1/14 (2006.01); **B41N 1/24** (2006.01)

CPC (source: EP)
B41C 1/145 (2013.01); **B41N 1/24** (2013.01)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
WO 03016055 A1 20030227; AT E345214 T1 20061215; DE 50208721 D1 20061228; DK 1417099 T3 20070319; EP 1417099 A1 20040512; EP 1417099 B1 20061115; ES 2276956 T3 20070701; HK 1067591 A1 20050415

DOCDB simple family (application)
EP 0208513 W 20020731; AT 02767282 T 20020731; DE 50208721 T 20020731; DK 02767282 T 20020731; EP 02767282 A 20020731; ES 02767282 T 20020731; HK 04108976 A 20041112