

Title (en)  
Screen printing stencil production

Title (de)  
Verfahren zur Herstellung von Stencil-Schablonen

Title (fr)  
Procédé pour la fabrication d'un pochoir-stencil

Publication  
**EP 0909642 B1 20030312 (EN)**

Application  
**EP 98307721 A 19980923**

Priority  
GB 9720322 A 19970925

Abstract (en)  
[origin: EP0909642A1] A screen printing stencil is produced chemically by application of a chemical agent 5 to a screen mesh 3 having a stencil-forming layer. The chemical agent 5 is applied dropwise using computer-controlled apparatus. The chemical agent reacts with the stencil-forming agent to harden the stencil in areas which remain upon subsequent wash-out. The stencil so produced can be used for screen printing in the usual way. The method avoids the use of safe lights and actinic radiation. The apparatus used can be a commercially-available apparatus designed for direct application of liquids dropwise to screens mounted in their frames. The stencil-forming layer can be provided using a commercially-available emulsion-coated film or a commercially-available emulsion applied directly to the screen mesh. <IMAGE>

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**B41C 1/14**

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

CPC (source: EP)  
**B41C 1/147** (2013.01)

Cited by  
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**EP 0909642 A1 19990421; EP 0909642 B1 20030312**; AT E234197 T1 20030315; AU 741425 B2 20011129; AU 8706498 A 19990415; CA 2248599 A1 19990325; DE 69812027 D1 20030417; DE 69812027 T2 20040318; ES 2195282 T3 20031201; GB 2329611 A 19990331; GB 2329611 B 20020508; GB 9720322 D0 19971126; JP H11188833 A 19990713; ZA 988796 B 20000626

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