

Title (en)  
Screen printing device and method for manufacturing the same

Title (de)  
Siebdruckvorrichtung und Verfahren zur Herstellung derselben

Title (fr)  
Dispositif de sérigraphie et son procédé de fabrication

Publication  
**EP 1967363 A3 20101103 (DE)**

Application  
**EP 07023414 A 20071204**

Priority  
DE 102007010936 A 20070307

Abstract (en)  
[origin: EP1967363A2] Screen printing device comprises a textile fabric and/or a template provided on the surface with a coating that reduces adhesion of a screening paste or screening dye on the fabric and/or template. An independent claim is also included for the production of the above screen printing device. Preferred Features: A nanocrystalline coating, preferably with a crystal diameter of less than 10 nm, or an amorphous coating is used. The coating contains a carbon compound with a diamond-like structure, a fluoride, a fluorine-based compound, preferably polytetrafluoroethylene, and/or a silicon-based compound. The coating thickness lies between about 100 nm and a few micrometers.

IPC 8 full level  
**B41F 15/00** (2006.01); **B41M 1/12** (2006.01)

CPC (source: EP US)  
**B41F 15/00** (2013.01 - EP US); **B41N 1/247** (2013.01 - EP US)

Citation (search report)

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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 LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
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DOCDB simple family (application)  
**EP 07023414 A 20071204**; DE 102007010936 A 20070307; HU E07023414 A 20071204; LT 07023414 T 20071204; US 4311908 A 20080305