

Title (en)

PRINTING DEVICE WITH A FLEXIBLE SCREEN PRINTING FORM IN A PRINTING FRAME AND SCREEN PRINTING FORM FOR IT

Title (de)

DRUCKVORRICHTUNG MIT EINER FLEXIBLEN SIEBDRUCKFORM IN EINEM DRUCKKRAHMEN SOWIE SIEBDRUCKFORM DAFÜR

Title (fr)

DISPOSITIF D'IMPRESSION AVEC UNE FORME SERIGRAPHIQUE SOUPLE DANS UN CADRE D'IMPRESSION ET FORME SERIGRAPHIQUE CORRESPONDANTE

Publication

EP 0925195 B1 20010725 (DE)

Application

EP 97909245 A 19970910

Priority

- DE 19637272 A 19960913
- EP 9704953 W 19970910

Abstract (en)

[origin: WO9810941A1] The invention relates to a screen printing fabric made of self crossing plastic threads (12, 14) with an emulsion coating, wherein the plastic threads are coated with a vacuum metallized or sputtered encasing layer (18) which is covered by an emulsion bearing metal coating (22) produced by electroplating. The invention also relates to a printing device accommodating a flexible screen printing form in a printing frame, wherein the screen printing form (26) can be fixed and stretched on two parallel areas crossing the moving direction of a movable doctor blade or similar tool and the screen printing form is fastened via interposed connector strips (28, 44) located on two parallel plate rims respectively on the frame side (34) of the printing frame (24) and on a tensioning bar (40) or similar moving element which can move within the frame parallel to said frame side.

IPC 1-7

B41N 1/24; **B41F 15/36**

IPC 8 full level

B41F 15/36 (2006.01); **B41N 1/24** (2006.01)

CPC (source: EP KR US)

B41F 15/36 (2013.01 - EP US); **B41N 1/24** (2013.01 - KR); **B41N 1/247** (2013.01 - EP US); **Y10T 428/24785** (2015.01 - EP US); **Y10T 428/24975** (2015.01 - EP US); **Y10T 442/109** (2015.04 - EP US); **Y10T 442/11** (2015.04 - EP US); **Y10T 442/124** (2015.04 - EP US); **Y10T 442/126** (2015.04 - EP US); **Y10T 442/188** (2015.04 - EP US)

Cited by

EP1588849A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IE IT LI NL PT

DOCDB simple family (publication)

WO 9810941 A1 19980319; AT E203462 T1 20010815; AU 4702097 A 19980402; BR 9711793 A 19990824; CA 2265683 A1 19980319; CN 1230147 A 19990929; CZ 75399 A3 19990714; DE 19738873 A1 19980416; DE 19738879 A1 19980430; DE 59704140 D1 20010830; EP 0925195 A1 19990630; EP 0925195 B1 20010725; ES 2162673 T3 20020101; ID 19179 A 19980628; JP 2001500077 A 20010109; KR 20000036101 A 20000626; PT 925195 E 20020130; TW 494063 B 20020711; US 6258445 B1 20010710

DOCDB simple family (application)

EP 9704953 W 19970910; AT 97909245 T 19970910; AU 4702097 A 19970910; BR 9711793 A 19970910; CA 2265683 A 19970910; CN 97197780 A 19970910; CZ 75399 A 19970910; DE 19738873 A 19970905; DE 19738879 A 19970905; DE 59704140 T 19970910; EP 97909245 A 19970910; ES 97909245 T 19970910; ID 973195 A 19970915; JP 51301998 A 19970910; KR 19997002120 A 19990312; PT 97909245 T 19970910; TW 86113094 A 19980220; US 25482099 A 19990312