

Title (en)
PRINTING MACHINE

Title (de)
DRUCKMASCHINE

Title (fr)
APPAREIL D'IMPRESSION

Publication
EP 0836939 A4 19981014 (EN)

Application
EP 96918946 A 19960610

Priority
• RU 9600152 W 19960610
• RU 95109218 A 19950620

Abstract (en)
[origin: WO9700774A1] The proposed printing machine is intended for use in printing a variety of polygraphic items without changing the type forme when proceeding to print a new issue. The machine has a type forme in the form of a grid in which all the cells are filled with ink, and means for selectively forcing ink through the cells of the grid using a light beam from a quantum generator.

IPC 1-7
B41F 15/08; **B41F 15/40**

IPC 8 full level
B41F 15/00 (2006.01); **B41F 15/08** (2006.01); **B41F 17/00** (2006.01); **B41J 2/44** (2006.01); **B41M 1/12** (2006.01)

CPC (source: EP KR)
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Citation (search report)
• [A] EP 0305103 A1 19890301 - ZED INSTR LTD [GB]
• [XY] "Matrix Screen Printer", IBM TECHNICAL DISCLOSURE BULLETIN, vol. 20, no. 1, June 1977 (1977-06-01), pages 440 - 442, XP002073035
• [Y] DATABASE WPI Week 8348, 30 January 1983 Derwent World Patents Index; Page 002, AN 83-831503, XP002073036, "Screen printing mechanism with ink belt - has air nozzle set beyond screen as belt moves to remove residual ink from belt"
• [X] H.K. SEITZ AND J.H. VANVECHTEN: "PRINTING AND DISPLAY OF INFORMATION BY SELECTIVE PRICKING OF LIQUID FILMS ACROSS THE INTERSTICES IN A SCREEN BY MEANS OF SELECTIVE CORONA CHARGING AND ELECTROSTATIC STRESS", IBM TECHNICAL DISCLOSURE BULLETIN, vol. 21, no. 5, October 1978 (1978-10-01), pages 2127 - 2129, XP002073051
• [X] H.K. SEITZ AND J.A. VANVECHTEN: "COLOR DISPLAY-PRINTER EMPLOYING CORONA CHARGING OF DYE MOLECULES TO SELECTIVELY COLOR LIQUID FILM AND ELECTROSTATIC MEANS TO TRANSFER INK TO PAPER", IBM TECHNICAL DISCLOSURE BULLETIN, vol. 21, no. 5, October 1978 (1978-10-01), pages 2130 - 2131, XP002073052
• See references of WO 9700774A1

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Designated contracting state (EPC)
DE FR GB IT SE

DOCDB simple family (publication)
WO 9700774 A1 19970109; CN 1069582 C 20010815; CN 1192179 A 19980902; DE 69617430 D1 20020110; DE 69617430 T2 20020808; EP 0836939 A1 19980422; EP 0836939 A4 19981014; EP 0836939 B1 20011128; JP H11508199 A 19990721; KR 19990022990 A 19990325; RU 2082615 C1 19970627; RU 95109218 A 19970520

DOCDB simple family (application)
RU 9600152 W 19960610; CN 96196016 A 19960610; DE 69617430 T 19960610; EP 96918946 A 19960610; JP 50376597 A 19960610; KR 19970709460 A 19971217; RU 95109218 A 19950620