

Title (en)

PRINTING FORM WITH PARTS THAT CAN BE REPEATEDLY ACTIVATED AND REMOVED

Publication

**EP 0367048 A3 19920415 (DE)**

Application

**EP 89119545 A 19891021**

Priority

DE 3836931 A 19881029

Abstract (en)

[origin: EP0367048A2] The printing forme comprises a semiconductor coating. In the latter, capacitive or inductive regions are produced by doping. Each of these regions is assigned an electronic switching element which can be activated selectively. With the switching element, the respective capacitive or inductive region can be charged or excited corresponding to the motif to be printed. In this state, ink, for example ferro fluid ink, can be fed to the forme cylinder via a corresponding inking device, which ink then adheres to the excited or charged regions. Discharging is possible by applying the control lines to earth or to opposite polarities. Charging and discharging can also be undertaken during operation. <IMAGE>

IPC 1-7

**B41C 1/10**

IPC 8 full level

**B41C 1/00** (2006.01); **B41C 1/10** (2006.01); **B41N 1/08** (2006.01); **B41N 1/14** (2006.01)

CPC (source: EP US)

**B41C 1/00** (2013.01 - EP US); **B41C 1/1058** (2013.01 - EP US)

Citation (search report)

- [A] DE 3202202 A1 19820819 - CANON KK [JP]
- [A] EP 0279066 A2 19880824 - MAN TECHNOLOGIE GMBH [DE]
- [Y] WORLD PATENTS INDEX LATEST Derwent Publications Ltd., London, GB; AN 88-307737 & AU-A-1 232 788 (KUEHNLE M.R.) 1. September 1988
- [Y] PATENT ABSTRACTS OF JAPAN vol. 10, no. 77 (M-464)(2134) 26. März 1986 & JP-A-60 219 069 ( TOSHIBA K.K. ) 1. November 1985
- [Y] PATENT ABSTRACTS OF JAPAN vol. 10, no. 323 (M-531)(2379) 5. November 1986 & JP-A-61 130 057 ( MITA INC. CO., LTD ) 17. Juni 1986

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