

Title (en)

PRINTING METHOD BY ELECTROLYTIC COLLOID COAGULATION AND COLLOID COMPOSITION THEREFOR

Publication

EP 0160979 A3 19870812 (EN)

Application

EP 85105621 A 19850508

Priority

US 60955584 A 19840511

Abstract (en)

[origin: EP0160979A2] A method of printing by electric coagulation, using an improved colloid composition which permits a new dye transfer processing from dyed coagulated images to enable very fast and accurate printing on ordinary paper and suitable for photographic computer printing, printing and photocopy. The colloid of the electrolytically-coagulable colloid composition is able to absorb a dyed swelling agent for transfer on any paper surface wetted with a solvent of said dyed swelling agent. The colloid is of reliable uniform quality and performance and is use in combination with a salt or acid to render the solution conductive. The colloid is selected from the group of linear synthetic colloids of high molecular weight, including polyacrylic acid and polyacrylamide resin. The swelling agent is selected from the group consisting of glycerol, sorbitol and ethylene glycol. The paper wetting is selected from the group consisting of methyl alcohol, ethyl alcohol and isopropyl alcohol.

IPC 1-7

B41M 5/20

IPC 8 full level

B41M 5/20 (2006.01); **B01J 13/00** (2006.01); **B41C 1/10** (2006.01); **G03F 7/14** (2006.01)

CPC (source: EP KR)

B41C 1/105 (2013.01 - EP); **B41M 5/20** (2013.01 - KR)

Citation (search report)

- [Y] US 4165741 A 19790828 - INABA MASAKAZU [JP], et al
- [YD] US 3752746 A 19730814 - CASTEGNIER A
- [E] EP 0160920 A2 19851113 - HOECHST AG [DE]

Cited by

EP0253358A3; EP0235700A1; EP0161633A3; EP0326115A3; US5142306A

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DOCDB simple family (publication)

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