

Title (en)

A FLUID FOR PREPARATION OF PRINTING PLATES AND METHOD FOR USE OF SAME

Title (de)

EINE FLÜSSIGKEIT ZUR DRUCKPLATTENHERSTELLUNG UND ANWENDUNGSVERFAHREN DAMIT

Title (fr)

FLUIDE DE PREPARATION DE PLAQUES D'IMPRESSION ET SON PROCEDE D'UTILISATION

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0134394A1] A simple and inexpensive direct, computer to plate (CTP) method for producing an offset lithographic plate in a process employing a novel inkjet fluid that, while giving excellent jetting properties with high consistency and quality, can be easily dried on an uncoated lithographic plate. The inkjet fluid has a perselected viscosity and comprises a two-phase emulsion system: an oleophilic inner phase and a continuous, aqueous, external phase. Controlling the viscosity of the inkjet fluid enables controlling the dot size of the fluid deposited on the printing surface, resulting in a high quality, robust printed image even after many runs of the offset press.

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Citation (search report)

See references of WO 0134394A1

Citation (examination)

- EP 0003789 A1 19790905 - HOECHST AG [DE]
- EP 0963841 A1 19991215 - AGFA GEVAERT NV [BE]
- WO 0037261 A2 20000629 - EASTMAN KODAK CO [US], et al

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