

Title (en)

Method for processing fountain solutions for offset printing

Title (de)

Verfahren zur Aufbereitung von Feuchtwasser für den Offset

Title (fr)

Procédé de traitement d'une solution de mouillage pour l'impression offset

Publication

EP 0876910 A1 19981111 (EN)

Application

EP 98810354 A 19980422

Priority

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- EP 97810275 A 19970501

Abstract (en)

In the method for processing fountain solutions for offset printing oxygen contained in compressed air is added to the water to modify its surface tension and to improve its viscosity. Thereby the use of isopropyl alcohol can be avoided. The device for implementing the method includes a damping unit (5) containing a scoop roller (10) in a fountain solution tank (11) that is arranged ahead of the inking unit (4) and in which the fountain solution tank is provided with an air supply unit (15) driven by compressed air. <IMAGE>

IPC 1-7

B41F 7/32; **B41F 7/24**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [A] DE 3443510 A1 19860605 - WEITMANN & KONRAD FA [DE]
- [A] WO 9503177 A1 19950202 - GUERINI ARTURO [IT]
- [A] PATENT ABSTRACTS OF JAPAN vol. 013, no. 385 (M - 864) 25 August 1989 (1989-08-25)

Cited by

DE10222294A1; US7237481B2; WO2020203013A1; CN113557144A; JPWO2020203013A1

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