

Title (en)

SOLVENT SYSTEMS FOR REMOVAL OF INK AND IMAGED COATING FROM PRINTING PLATES AND METHOD OF USING SAME

Title (de)

LOESUNGSMITTELSYSTEME ZUR ENTFERNUNG VON TINTEN UND BILDSCHICHTEN VON DRUCKPLATTEN SOWIE VERFAHREN ZU DESSEN VERWENDUNG

Title (fr)

SYSTEMES DE SOLVANTS POUR ELIMINER DE L'ENCRE OU UN REVETEMENT REPRESENTANT DES IMAGES DE PLANCHES D'IMPRESSION ET PROCEDE D'UTILISATION DESDITS SYSTEMES

Publication

EP 1179040 A4 20040922 (EN)

Application

EP 00932258 A 20000510

Priority

- US 0012781 W 20000510
- US 13357699 P 19990511

Abstract (en)

[origin: WO0068353A1] A solvent system for removing ink and imaged coating from printing plates comprising a glycol ether ester and water, with or without ammonia or aminoethanol, and with or without a solubility enhancer. A solvent system for removing ink and imaged coating from printing plates comprising a glycol ether ester and aminoethanol. A solvent system for removing ink and imaged coating from printing plates comprising a glycol ether, water and ammonia or aminoethanol, with or without a solubility enhancer. A method of simultaneously removing adsorbed ink and imaged polymer coating from printing plates using these solvent systems. A method of cleaning used printing plates in-situ using these solvent systems.

IPC 1-7

C11D 3/50; **B08B 7/00**

IPC 8 full level

B41N 3/06 (2006.01); **B41N 3/00** (2006.01); **C09D 10/00** (2006.01); **C11D 1/74** (2006.01); **C11D 7/04** (2006.01); **C11D 7/26** (2006.01); **C11D 7/32** (2006.01); **C11D 7/50** (2006.01)

CPC (source: EP)

B41N 3/006 (2013.01); **C11D 1/74** (2013.01); **C11D 7/5013** (2013.01); **C11D 7/5022** (2013.01); **C11D 7/266** (2013.01); **C11D 7/3218** (2013.01)

Citation (search report)

- [XA] US 4370406 A 19830125 - JONES THOMAS H
- [PXPA] WO 0012052 A2 20000309 - UNIV BRANDEIS [US]
- [X] GB 1322325 A 19730704 - JOHNSONS OF HENDON LTD
- [X] GB 1492529 A 19771123 - VICKERS LTD
- [X] EP 0327290 A1 19890809 - SERICOL GROUP LTD [GB]
- [X] US 4077896 A 19780307 - BUNEGAR FREDERICK J, et al
- [X] EP 0344847 A2 19891206 - PROCTER & GAMBLE [US]
- [A] US 3607271 A 19710921 - HILHORST ALOYSIUS HENRICUS JAC, et al
- [A] US 5660621 A 19970826 - BREDT JAMES F [US]
- [A] US 4780235 A 19881025 - JACKSON HAROLD L [US]
- [A] US 4533487 A 19850806 - JONES CLARENCE L [US]
- See references of WO 0068353A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0068353 A1 20001116; **WO 0068353 A8 20010412**; AU 5000100 A 20001121; CA 2370288 A1 20001116; EP 1179040 A1 20020213; EP 1179040 A4 20040922; HK 1044167 A1 20021011; JP 2002544326 A 20021224

DOCDB simple family (application)

US 0012781 W 20000510; AU 5000100 A 20000510; CA 2370288 A 20000510; EP 00932258 A 20000510; HK 02105369 A 20020719; JP 2000616321 A 20000510