

Title (en)
MULTIPLE SOLVENT CLEANING SYSTEM

Title (de)
MEHRLOESUNGSMITTEL-REINIGUNGSSYSTEM

Title (fr)
SYSTEME DE NETTOYAGE A PLUSIEURS SOLVANTS

Publication
EP 0701634 A1 19960320 (EN)

Application
EP 94919272 A 19940527

Priority
• US 9406004 W 19940527
• US 7058693 A 19930601

Abstract (en)
[origin: WO9428196A1] A non-aqueous cleaning process uses an organic solvent for removing soil or surface contamination from contaminated articles such as printed circuit boards which are cleaned by immersion into a sump compartment of a cleaning tank containing the organic cleaning solvent. The organic solvent is preferably a hydrocarbon solvent. The cleaned articles, now coated with the organic cleaning solvent, are then disposed in a rinsing sump containing a fluorocarbon based rinsing solvent having an affinity for the organic cleaning solvent. The organic solvent is thus removed from the articles which are then dried without waste water as in a conventional solvent vapor degreasing solvent process.

IPC 1-7
C23G 5/02; **C23G 5/04**

IPC 8 full level
B08B 3/08 (2006.01); **C11D 7/30** (2006.01); **C11D 7/50** (2006.01); **C23G 5/02** (2006.01); **C23G 5/024** (2006.01); **C23G 5/028** (2006.01); **H05K 3/26** (2006.01); **C11D 7/24** (2006.01); **C11D 7/28** (2006.01)

CPC (source: EP KR)
C11D 7/5018 (2013.01 - EP); **C23G 5/02** (2013.01 - EP KR); **C11D 7/24** (2013.01 - EP); **C11D 7/28** (2013.01 - EP); **H05K 3/26** (2013.01 - EP)

Citation (search report)
See references of WO 9428196A1

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DE ES FR GB IE IT

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WO 9428196 A1 19941208; AU 693453 B2 19980702; AU 7047094 A 19941220; CA 2163351 A1 19941208; CN 1127017 A 19960717; EP 0701634 A1 19960320; JP H08506615 A 19960716; KR 960702872 A 19960523

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