

Title (en)  
PROCESS FOR EXTRACTING COMPOUNDS FROM SAMPLE MATRICES

Title (de)  
VERFAHREN ZUR EXTRAKTION VON VERBINDUNGEN AUS MATRIXPROBEN

Title (fr)  
PROCEDE PERMETTANT D'EXTRAIRE DES COMPOSES DE MATRICES DE PRELEVEMENT

Publication  
**EP 0859949 A4 20000329 (EN)**

Application  
**EP 96939594 A 19961108**

Priority  
• US 9617922 W 19961108  
• US 55556595 A 19951108  
• US 1924396 P 19960607

Abstract (en)  
[origin: WO9717601A1] The present invention provides a process for the extraction and purification of predetermined chemical compounds, e.g., dioxin derivatives from a sample matrix, e.g., blood serum. The present invention chemically destroys potentially interfering components in a sample matrix, making the steam distillation of dioxin derivatives possible.

IPC 1-7  
**G01N 1/34**

IPC 8 full level  
**B01D 11/04** (2006.01); **C07D 307/91** (2006.01); **C07D 319/24** (2006.01); **G01N 1/10** (2006.01); **G01N 1/34** (2006.01)

CPC (source: EP)  
**C07D 307/91** (2013.01); **C07D 319/24** (2013.01)

Citation (search report)  
• [Y] US 5149444 A 19920922 - HOCH ROBERT [US]  
• [A] US 5096600 A 19920317 - HOCH ROBERT [US]  
• [Y] ZWICKENPFLUG W., RICHTER E.: "Distillation-extraction procedure for the analysis of TCDD in biological samples", CHEMOSPHERE, vol. 17, no. 4, 1988, pages 647 - 650, XP000872106  
• [A] SAWYER, DONALD T., MARTELL ARTHUR EARL: "Process technology for hazardous waste remediation", INDUSTRIAL ENVIRONMENTAL CHEMISTRY, 1992, US, pages 213 - 227, XP002129095  
• See references of WO 9717601A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 9717601 A1 19970515**; AU 7695496 A 19970529; EP 0859949 A1 19980826; EP 0859949 A4 20000329; JP 2000500386 A 20000118

DOCDB simple family (application)  
**US 9617922 W 19961108**; AU 7695496 A 19961108; EP 96939594 A 19961108; JP 51833797 A 19961108