

Title (en)  
WASTE ACID RECOVERY

Title (de)  
WIEDERGEWINNUNG VON ABFALLSÄURE

Title (fr)  
RECUPERATION D'ACIDE EPUISE

Publication  
**EP 1086043 A1 20010328 (EN)**

Application  
**EP 98962803 A 19981007**

Priority  
• US 9821275 W 19981007  
• US 9806400 W 19980331

Abstract (en)  
[origin: WO9950177A1] A process for purifying a sulfuric acid solution such as by cooling a sulfuric acid solution to at or near its freezing point to form a slurry of a solid phase and a liquid phase. The slurry has an acid-rich region and an acid-poor region. The acid-rich region is separated from the acid-poor region on the basis of density.

IPC 1-7  
**C01B 17/90**; **C01B 17/92**; **C02F 1/22**

IPC 8 full level  
**C01B 17/90** (2006.01); **C01B 17/92** (2006.01); **C02F 1/22** (2006.01); **C02F 1/38** (2006.01)

CPC (source: EP KR)  
**C01B 17/90** (2013.01 - KR); **C01B 17/905** (2013.01 - EP); **C01B 17/92** (2013.01 - EP); **C02F 1/22** (2013.01 - EP); **C02F 1/38** (2013.01 - EP); **Y02P 20/145** (2015.11 - EP)

Citation (search report)  
See references of WO 9950177A1

Designated contracting state (EPC)  
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**US 9821275 W 19981007**; AU 1796099 A 19981007; CN 98814013 A 19981007; EP 98962803 A 19981007; JP 2000541095 A 19981007; KR 20007010943 A 20000930