

Title (en)  
WET ELECTROSTATIC PRECIPITATOR

Title (de)  
ELEKTROSTATISCHER NASSABSCHIEDER

Title (fr)  
PRECIPITATEUR ELECTROSTATIQUE HUMIDE

Publication  
**EP 0600011 B1 19961113 (FR)**

Application  
**EP 92918939 A 19920820**

Priority  
• FR 9110616 A 19910821  
• FR 9200811 W 19920820

Abstract (en)  
[origin: US5624476A] PCT No. PCT/FR92/00811 Sec. 371 Date Mar. 16, 1994 Sec. 102(e) Date Mar. 16, 1994 PCT Filed Aug. 20, 1992 PCT Pub. No. WO93/03849 PCT Pub. Date Mar. 4, 1993A gas is purified using both mechanically atomized liquid and liquid dispersed by electrostatic atomization at asperities arranged at surfaces of emitting electrodes. The concentration of washing liquid between the make-up pipeline and discharge pipeline is obtained, on the one hand, by recycling using atomization pipes of a group of electrodes for the run-off liquid collected by an accumulation tank and, on the other hand, using a back-flow of the liquid between successive accumulation tanks through interconnecting pipelines. A physical and/or chemical treatment line for the liquids and the sludges is also associated with the gas treatment line.

IPC 1-7  
**B03C 3/16**; **B03C 3/01**; **B03C 3/88**; **B03C 3/32**

IPC 8 full level  
**B03C 3/014** (2006.01); **B03C 3/16** (2006.01); **B03C 3/32** (2006.01); **B03C 3/88** (2006.01)

CPC (source: EP US)  
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**US 5624476 A 19970429**; AT E145157 T1 19961115; CA 2115987 A1 19930304; CA 2115987 C 19981103; DE 69215229 D1 19961219; DE 69215229 T2 19970306; EP 0600011 A1 19940608; EP 0600011 B1 19961113; ES 2094368 T3 19970116; FR 2680474 A1 19930226; FR 2680474 B1 19950908; JP H06509976 A 19941110; OA 09886 A 19940915; WO 9303849 A1 19930304

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