

Title (en)

METHOD AND DEVICE FOR REGENERATING USED ABSORBENTS DERIVED FROM TREATMENT OF THERMAL GENERATOR FUMES

Title (de)

VERFAHREN UND VORRICHTUNG ZUM REGENERIEREN VON VERBRAUCHTEN SORBENTIEN, DIE BEI DER BEHANDLUNG VON RAUCHGASEN AUS WÄRMEERZEUGER ANFALLEN

Title (fr)

PROCEDE ET DISPOSITIF DE REGENERATION D'ABSORBANTS USES ISSUS DU TRAITEMENT DES FUMEES DE GENERATEURS THERMIQUES

Publication

EP 1286765 A1 20030305 (FR)

Application

EP 01940660 A 20010531

Priority

- FR 0101700 W 20010531
- FR 0007121 A 20000602

Abstract (en)

[origin: WO0191900A1] The invention concerns a method and a device for regenerating used absorbent derived from a desulphurizing zone or from a gas containing sulphur oxides, comprising regeneration simultaneous with filtering of said absorbent, in reducing atmosphere, and which further consists in partial combustion of a regenerating gas upstream of the regeneration process, and in mixing the products of said partial combustion with the used absorbent before the regeneration-filtering step.

IPC 1-7

B01J 20/34; B01D 53/50

IPC 8 full level

B01D 53/50 (2006.01); **B01J 20/34** (2006.01)

CPC (source: EP KR US)

B01D 53/02 (2013.01 - KR); **B01D 53/508** (2013.01 - EP US); **B01J 20/041** (2013.01 - EP US); **B01J 20/3433** (2013.01 - EP US); **B01J 20/3458** (2013.01 - EP US); **B01J 20/3483** (2013.01 - EP KR US); **B01D 2257/302** (2013.01 - KR)

Citation (search report)

See references of WO 0191900A1

Designated contracting state (EPC)

DE ES FR GB

DOCDB simple family (publication)

WO 0191900 A1 20011206; AU 7417501 A 20011211; EP 1286765 A1 20030305; FR 2809638 A1 20011207; FR 2809638 B1 20021206; JP 2003534897 A 20031125; KR 20020040766 A 20020530; US 2002136673 A1 20020926; US 2005063886 A1 20050324; US 6960548 B2 20051101; US 7678344 B2 20100316

DOCDB simple family (application)

FR 0101700 W 20010531; AU 7417501 A 20010531; EP 01940660 A 20010531; FR 0007121 A 20000602; JP 2001587905 A 20010531; KR 20027001405 A 20020201; US 4816702 A 20020418; US 94921304 A 20040927