

Title (en)
FLUE-GAS PURIFICATION SYSTEM

Title (de)
RAUCHGASREINIGUNGSANLAGE

Title (fr)
DISPOSITIF DE PURIFICATION DE GAZ DE FUMEE

Publication
EP 1799331 A1 20070627 (DE)

Application
EP 04765467 A 20040922

Priority
EP 2004010592 W 20040922

Abstract (en)
[origin: WO2006032288A1] The invention relates to a flue-gas purification system comprising a fluidized-bed reactor and a separating unit connected downstream from the fluidized-bed reactor. The reactor chamber of the fluidized-bed reactor has, orthogonal to the flow-through direction, an essentially rectangular cross-section whose ratio of width to depth can be variably defined according to the size of the cross-section required for the flue-gas volumetric flow to be purified.

IPC 8 full level
B01D 53/74 (2006.01)

CPC (source: EP US)
B01D 53/12 (2013.01 - EP US); **B01D 53/83** (2013.01 - EP US)

Citation (search report)
See references of WO 2006032288A1

Cited by
US11097218B2; WO2018094588A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
HR LT

DOCDB simple family (publication)
WO 2006032288 A1 20060330; CN 100421770 C 20081001; CN 1905932 A 20070131; EP 1799331 A1 20070627; US 2008159922 A1 20080703

DOCDB simple family (application)
EP 2004010592 W 20040922; CN 200480040805 A 20040922; EP 04765467 A 20040922; US 57863607 A 20071024