

Title (en)
GAS PURIFYING AGENT, ITS METHOD OF PRODUCTION AND ITS USE

Title (de)
MITTEL, VERFAHREN ZUR HERSTELLUNG DES MITTELS UND VERWENDUNG DES MITTELS ZUR GASREINIGUNG

Title (fr)
AGENT SERVANT A L'EPURATION DE GAZ, SON PROCEDE DE PRODUCTION ET SON UTILISATION

Publication
EP 1144091 A1 20011017 (DE)

Application
EP 00907473 A 20000113

Priority
• DE 19901049 A 19990114
• EP 0000239 W 20000113

Abstract (en)
[origin: DE19901049A1] The invention relates to an agent for purifying gases and exhaust gases, consisting of A) porous, acid-resistant, inorganic substances such as brick dust or kieselguhr; B) inorganic and/or organic acids which have been absorbed by the porous, acid-resistant, inorganic substances; C) surface-active substances; and possibly D) basic substances. The above agent is used to purify gases at temperatures of between 20 and 400 DEG C.

IPC 1-7
B01D 53/44; B01D 53/50; B01D 53/54; B01D 53/64; B01D 53/68; B01D 53/70; B01D 53/72; B01D 53/04; B01D 53/34

IPC 8 full level
B01D 53/02 (2006.01); **B01D 53/04** (2006.01); **B01D 53/34** (2006.01); **B01D 53/44** (2006.01); **B01D 53/50** (2006.01); **B01D 53/54** (2006.01); **B01D 53/64** (2006.01); **B01D 53/68** (2006.01); **B01D 53/70** (2006.01); **B01D 53/72** (2006.01); **B01D 53/81** (2006.01); **B01J 20/00** (2006.01); **B01J 20/02** (2006.01); **B01J 20/04** (2006.01); **B01J 20/32** (2006.01)

CPC (source: EP)
B01D 53/02 (2013.01); **B01D 53/04** (2013.01); **B01D 53/34** (2013.01); **B01D 53/44** (2013.01); **B01D 53/50** (2013.01); **B01D 53/54** (2013.01); **B01D 53/64** (2013.01); **B01D 53/68** (2013.01); **B01D 53/70** (2013.01); **B01D 53/72** (2013.01); **B01D 53/81** (2013.01); **B01J 20/041** (2013.01); **B01J 20/043** (2013.01); **B01J 20/14** (2013.01); **B01J 20/20** (2013.01); **B01J 20/28004** (2013.01); **B01J 20/3204** (2013.01); **B01J 20/3236** (2013.01)

Citation (search report)
See references of WO 0041796A1

Citation (third parties)
Third party :
EP 0487913 B1 19960417 - WALHALLA KALK ENTWICKLUNGS UND [DE]

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

DOCDB simple family (publication)
DE 19901049 A1 20000720; DE 19901049 B4 20110310; EP 1144091 A1 20011017; WO 0041796 A1 20000720

DOCDB simple family (application)
DE 19901049 A 19990114; EP 0000239 W 20000113; EP 00907473 A 20000113