

Title (en)

DIELECTRIC BARRIER GAS REACTORS WITH NON-AXIAL FLOW

Title (de)

DIELEKTRISCH BEHINDERTE REAKTOREN MIT NICHTAXIALER STRÖMUNG ZUR BEHANDLUNG VON GASEN

Title (fr)

REACTEURS A GAZ A BARRIERE DIELECTRIQUE ET A ECOULEMENT NON AXIAL

Publication

EP 1183447 A1 20020306 (EN)

Application

EP 00931385 A 20000515

Priority

- GB 0001881 W 20000515
- GB 9911728 A 19990521

Abstract (en)

[origin: WO0071866A1] A dielectric barrier reactor for the plasma-assisted processing of a gaseous medium in which the gaseous medium is constrained to pass between the co-axial electrodes with axial, radial and circumferential gas flow components combinations of which result in the gas flow being at least partially helical and/or spiral.

IPC 1-7

F01N 3/08; **B01D 53/32**; **B01J 19/08**

IPC 8 full level

H05H 1/24 (2006.01); **B01D 53/32** (2006.01); **B01J 19/08** (2006.01); **F01N 3/02** (2006.01); **F01N 3/08** (2006.01); **F01N 3/28** (2006.01)

CPC (source: EP KR)

B01D 53/32 (2013.01 - EP KR); **B01J 19/088** (2013.01 - EP); **F01N 3/02** (2013.01 - EP); **F01N 3/0892** (2013.01 - EP); **B01J 2219/083** (2013.01 - EP); **B01J 2219/0875** (2013.01 - EP); **B01J 2219/0894** (2013.01 - EP); **F01N 3/28** (2013.01 - EP); **F01N 2370/02** (2013.01 - EP); **F01N 2370/04** (2013.01 - EP); **F01N 2370/22** (2013.01 - EP); **Y02T 10/12** (2013.01 - EP)

Citation (search report)

See references of WO 0071866A1

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)

WO 0071866 A1 20001130; AU 4934200 A 20001212; EP 1183447 A1 20020306; GB 9911728 D0 19990721; JP 2003500195 A 20030107; KR 20020002503 A 20020109

DOCDB simple family (application)

GB 0001881 W 20000515; AU 4934200 A 20000515; EP 00931385 A 20000515; GB 9911728 A 19990521; JP 2000620227 A 20000515; KR 20017014780 A 20011120