

Title (en)
APPARATUS FOR ANALYZING MIXTURES OF GASES

Title (de)
VORRICHTUNG ZUR ANALYSE VON GASMISCHUNGEN

Title (fr)
DISPOSITIF ET PROCEDE D'ANALYSE DE MELANGES DE GAZ

Publication
EP 1493025 A1 20050105 (EN)

Application
EP 02719532 A 20020405

Priority
US 0212839 W 20020405

Abstract (en)
[origin: WO03087811A1] Disclosed herein is a method and apparatus for analyzing, sensing and measuring information related to the concentrations of various gases, including NOx, hydrocarbons, carbon monoxide and oxygen, in a multi-component gas system using chemical sensor arrays. The sensors arrays use chemo/electro-active materials to analyze and detect the presence of gases.

IPC 1-7
G01N 33/00; **G01N 27/12**

IPC 8 full level
G01N 27/02 (2006.01); **G01N 27/12** (2006.01); **G01N 27/22** (2006.01); **G01N 33/00** (2006.01)

CPC (source: EP KR)
G01N 27/12 (2013.01 - KR); **G01N 27/125** (2013.01 - EP); **G01N 33/00** (2013.01 - KR); **G01N 33/0031** (2013.01 - EP)

Citation (search report)
See references of WO 03087811A1

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

DOCDB simple family (publication)
WO 03087811 A1 20031023; AU 2002250608 A1 20031027; CN 100476426 C 20090408; CN 1623090 A 20050601; EP 1493025 A1 20050105; HK 1078930 A1 20060324; JP 2005522696 A 20050728; JP 4824910 B2 20111130; KR 101074956 B1 20111018; KR 101075300 B1 20111019; KR 101075306 B1 20111019; KR 20040111484 A 20041231; KR 20090106634 A 20091009; KR 20100087231 A 20100803

DOCDB simple family (application)
US 0212839 W 20020405; AU 2002250608 A 20020405; CN 02828656 A 20020405; EP 02719532 A 20020405; HK 05110771 A 20051125; JP 2003584705 A 20020405; KR 20047015824 A 20020405; KR 20097017704 A 20020405; KR 20107013775 A 20020405