

Title (en)  
IMPROVED CATALYZED ADSORBER SYSTEM FOR TREATING INTERNAL COMBUSTION ENGINE EXHAUST GAS AND METHOD OF MAKING SAME

Title (de)  
VERBESSERTE KATALYSATOR-ADSORBERVORRICHTUNG ZUR BEHANDLUNG INTERNER MOTOR-VERBRENNUNGSABGASE UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)  
SYSTEME AMELIORE D'ADSORBEUR CATALYSE POUR TRAITER DES GAZ D'ECHAPPEMENT DE MOTEUR A COMBUSTION INTERNE ET SON PROCEDE DE FABRICATION

Publication  
**EP 1102629 A4 20011017 (EN)**

Application  
**EP 98934425 A 19980710**

Priority  
US 9814370 W 19980710

Abstract (en)  
[origin: WO0059630A1] Catalyzed adsorbers for treating motor vehicle exhaust gas comprising a substrate having dispersed thereon a zeolite and an inorganic oxide washcoat, said washcoat having been impregnated with a catalytically effective amount of noble metal prior to being mixed with said zeolite and optionally with a promoter. A method of making such catalyzed adsorbers comprising treating an inorganic oxide with a noble metal reagent, mixing the product with zeolite, coating a substrate, drying and calcining.

IPC 1-7  
**B01J 21/00**; **B01J 29/06**; **B01J 31/00**; **B01D 53/94**; **B01J 29/12**; **B01J 37/02**

IPC 8 full level  
**F01N 3/08** (2006.01); **B01D 53/94** (2006.01); **B01J 20/18** (2006.01); **B01J 20/32** (2006.01); **B01J 29/068** (2006.01); **B01J 29/12** (2006.01); **B01J 37/02** (2006.01); **F01N 3/10** (2006.01)

CPC (source: EP)  
**B01D 53/944** (2013.01); **B01J 29/068** (2013.01); **B01J 29/126** (2013.01); **B01J 37/0246** (2013.01); **B01J 37/0248** (2013.01); **Y02T 10/12** (2013.01)

Citation (search report)

- [X] US 5772972 A 19980630 - HEPBURN JEFFREY SCOTT [US], et al
- [X] EP 0716877 A1 19960619 - JOHNSON MATTHEY PLC [GB]
- [X] EP 0782880 A1 19970709 - NGK INSULATORS LTD [JP]
- [A] US 5510086 A 19960423 - HEMINGWAY MARK D [US], et al
- See references of WO 0059630A1

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**WO 0059630 A1 20001012**; EP 1102629 A1 20010530; EP 1102629 A4 20011017; JP 2002540918 A 20021203

DOCDB simple family (application)  
**US 9814370 W 19980710**; EP 98934425 A 19980710; JP 2000609183 A 19980710