

Title (en)

HONEYCOMB CATALYST SUBSTRATE AND METHOD FOR PRODUCING SAME

Title (de)

WABENKATALYSATORSUBSTRAT UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

SUBSTRAT DE CATALYSEUR EN NID D'ABEILLES ET SON PROCÉDÉ D'OBTENTION

Publication

EP 2419211 A1 20120222 (FR)

Application

EP 10723674 A 20100414

Priority

- FR 2010050720 W 20100414
- FR 0952493 A 20090416

Abstract (en)

[origin: WO2010119226A1] The invention relates to a catalyst substrate made of a porous inorganic material for treating exhaust gas, having a honeycomb structure, one of the surfaces of the structure enabling the intake of exhaust gas to be treated and the other surface enabling the discharge of the treated exhaust gas, and comprising, between said intake and discharge surfaces, an assembly of pipes or adjacent channels with parallel axes therebetween, separated by porous walls, said substrate being coated on at least a portion of the inner surface thereof with at least one polymer or a vinylpyrrolidone copolymer.

IPC 8 full level

B01J 35/04 (2006.01); **B01D 46/24** (2006.01); **B01J 37/02** (2006.01); **B05D 5/08** (2006.01); **B05D 5/10** (2006.01); **F01N 3/022** (2006.01)

CPC (source: EP KR US)

B01D 46/24 (2013.01 - KR); **B01J 35/19** (2024.01 - EP US); **B01J 35/56** (2024.01 - KR); **B01J 37/02** (2013.01 - KR);
B01J 37/0219 (2013.01 - EP US); **B05D 5/08** (2013.01 - KR); **C04B 35/185** (2013.01 - EP US); **C04B 35/195** (2013.01 - EP US);
C04B 35/478 (2013.01 - EP US); **C04B 38/0006** (2013.01 - EP US); **C04B 41/009** (2013.01 - EP US); **C04B 41/4857** (2013.01 - EP US);
C04B 41/83 (2013.01 - EP US); **B01J 35/613** (2024.01 - EP US); **C04B 2111/00793** (2013.01 - EP US); **C04B 2111/0081** (2013.01 - EP US)

C-Set (source: EP US)

1. **C04B 38/0006 + C04B 35/185 + C04B 35/195 + C04B 35/478 + C04B 38/0096**
2. **C04B 41/009 + C04B 35/185 + C04B 38/0006**
3. **C04B 41/009 + C04B 35/195 + C04B 38/0006**
4. **C04B 41/009 + C04B 35/478 + C04B 38/0006**
5. **C04B 41/009 + C04B 35/565 + C04B 38/0006**
6. **C04B 41/4857 + C04B 41/457**

Citation (search report)

See references of WO 2010119226A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

WO 2010119226 A1 20101021; CN 102395429 A 20120328; EP 2419211 A1 20120222; JP 2012523954 A 20121011;
KR 20110138241 A 20111226; MX 2011010797 A 20111028; US 2012021895 A1 20120126

DOCDB simple family (application)

FR 2010050720 W 20100414; CN 201080016956 A 20100414; EP 10723674 A 20100414; JP 2012505208 A 20100414;
KR 20117024191 A 20100414; MX 2011010797 A 20100414; US 201013259273 A 20100414