

Title (en)
EXHAUST GAS PROCESSING

Title (de)
ABGASVERARBEITUNG

Title (fr)
TRAITEMENT DE GAZ D'ECHAPPEMENT

Publication
EP 2288429 A1 20110302 (FR)

Application
EP 09753859 A 20090525

Priority
• EP 2009056323 W 20090525
• FR 0853446 A 20080527

Abstract (en)
[origin: WO2009144204A1] The invention relates to a catalytic system that comprises palladium dispersed on a substrate made of zirconium oxide ZrO₂ and praseodymium oxide Pr₆O₁₁, the mass ratio between the zirconium and praseodymium oxides being from 5 to 20%. The invention is particularly adapted for processing exhaust gases having a temperature of between 120°C and 400°C, and having a carbon monoxide concentration of between 2000 and 5000 ppm.

IPC 8 full level
B01J 23/63 (2006.01); **B01D 53/94** (2006.01); **B01J 23/00** (2006.01); **B01J 23/10** (2006.01); **B01J 35/10** (2006.01); **B01J 37/00** (2006.01); **B01J 37/03** (2006.01)

CPC (source: EP)
B01D 53/944 (2013.01); **B01D 53/945** (2013.01); **B01J 23/002** (2013.01); **B01J 23/10** (2013.01); **B01J 23/63** (2013.01); **B01J 35/613** (2024.01); **B01J 37/0018** (2013.01); **B01J 37/031** (2013.01); **B01D 2255/1023** (2013.01); **B01D 2255/206** (2013.01); **B01D 2255/20715** (2013.01); **B01D 2258/012** (2013.01); **B01J 2523/00** (2013.01); **Y02A 50/20** (2017.12); **Y02T 10/12** (2013.01)

C-Set (source: EP)
B01J 2523/00 + B01J 2523/3718 + B01J 2523/48

Citation (search report)
See references of WO 2009144204A1

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 TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
WO 2009144204 A1 20091203; EP 2288429 A1 20110302; FR 2931700 A1 20091204; FR 2931700 B1 20110211

DOCDB simple family (application)
EP 2009056323 W 20090525; EP 09753859 A 20090525; FR 0853446 A 20080527