

Title (en)
PASSIVE NITROGEN OXIDE ADSORBER

Title (de)
PASSIVER STICKOXID-ADSORBER

Title (fr)
ADSORBEUR D'OXYDE D'AZOTE PASSIF

Publication
EP 3735310 A1 20201111 (DE)

Application
EP 19700058 A 20190104

Priority
• EP 18150393 A 20180105
• EP 2019050142 W 20190104

Abstract (en)
[origin: WO2019134958A1] The present invention relates to a catalyst, comprising a carrier substrate of the length (L) which extends between two carrier substrate ends (a and b) and has two coating zones (A and B), wherein the coating zone (A) comprises a zeolite and palladium and, proceeding from the carrier substrate end (a), extends on a part of the length (L), the coating zone (B) comprises the same components as coating zone (A) and platinum and, proceeding from the carrier substrate end (b), extends on a part of the length (L), wherein $L = LA + LB$, wherein LA denotes the length of the coating zone (A) and LB denotes the length of the coating zone (B). The invention also relates to an exhaust system containing said catalyst.

IPC 8 full level
B01D 53/04 (2006.01); **B01D 53/86** (2006.01); **B01D 53/94** (2006.01)

CPC (source: EP KR US)
B01D 53/04 (2013.01 - EP KR); **B01D 53/8625** (2013.01 - EP); **B01D 53/8631** (2013.01 - EP KR); **B01D 53/9409** (2013.01 - EP); **B01D 53/9431** (2013.01 - EP KR); **B01D 53/9472** (2013.01 - EP KR); **B01J 29/043** (2013.01 - US); **B01J 29/068** (2013.01 - US); **B01J 37/0244** (2013.01 - US); **B01J 37/0246** (2013.01 - US); **F01N 3/0814** (2013.01 - US); **F01N 3/2066** (2013.01 - US); **B01D 2253/108** (2013.01 - EP KR); **B01D 2255/1021** (2013.01 - EP KR); **B01D 2255/1023** (2013.01 - EP KR); **B01D 2257/404** (2013.01 - EP KR)

Citation (search report)
See references of WO 2019134958A1

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2019134958 A1 20190711; EP 3735310 A1 20201111; KR 20200101461 A 20200827; US 2020378286 A1 20201203

DOCDB simple family (application)
EP 2019050142 W 20190104; EP 19700058 A 20190104; KR 20207022471 A 20190104; US 201916959733 A 20190104