

(12) International Application Status Report

Received at International Bureau: 06 October 2017 (06.10.2017)

Information valid as of: 09 May 2018 (09.05.2018)

Report generated on: 18 February 2019 (18.02.2019)

(10) Publication number:

WO2018/077554

(43) Publication date:

03 May 2018 (03.05.2018)

(26) Publication language:

English (EN)

(21) Application Number:

PCT/EP2017/074368

(22) Filing Date:

26 September 2017 (26.09.2017)

(25) Filing language:

English (EN)

(31) Priority number(s):

PCT/EP2016/076152 (EP)

(31) Priority date(s):

28 October 2016 (28.10.2016)

(31) Priority status:

Priority document received (in compliance with PCT Rule 17.1)

17168721.3 (EP)

28 April 2017 (28.04.2017)

Priority document received (in compliance with PCT Rule 17.1)

(51) International Patent Classification:

B01D 53/86 (2006.01)

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(54) Title (EN): A METHOD FOR REMOVING NITROGEN OXIDES FROM A GAS USING AN IRON EXCHANGED ZEOLITE CATALYST

(54) Title (FR): PROCÉDÉ D'ÉLIMINATION D'OXYDES D'AZOTE D'UN GAZ À L'AIDE D'UN CATALYSEUR À ZÉOLITE À ÉCHANGE DE FER

(57) Abstract:

(EN): A method for removing nitrogen oxides NO_x from a gaseous current, comprising the steps of: passing the gaseous current through a de-NO_x catalytic bed with iron exchanged zeolite as a catalyst with the addition of ammonia as a reducing agent, wherein the molar ratio of NH₃ over NO_x is greater than 1.33.

(FR): L'invention concerne également un procédé d'élimination d'oxydes d'azote NO_x à partir d'un courant gazeux, comprenant les étapes consistant à: faire passer le courant gazeux à travers un lit catalytique de de-NO_x avec une zéolite à échange de fer en tant que catalyseur avec l'addition d'ammoniac en tant qu'agent réducteur, le rapport molaire NH₃ sur NO_x étant supérieur à 1,33.

International search report:

Received at International Bureau: 05 March 2018 (05.03.2018) [EP]

International Report on Patentability (IPRP) Chapter II of the PCT:

Chapter II demand received: 27 April 2018 (27.04.2018)

(81) Designated States:

AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

European Patent Office (EPO) : AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR

African Intellectual Property Organization (OAPI) : BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG

African Regional Intellectual Property Organization (ARIPO) : BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

Eurasian Patent Organization (EAPO) : AM, AZ, BY, KG, KZ, RU, TJ, TM