

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization

International Bureau

(43) International Publication Date
23 November 2023 (23.11.2023)



(10) International Publication Number
WO 2023/224557 A1

(51) International Patent Classification:

B01J 20/20 (2006.01) **B01J 39/10** (2006.01)
B01J 20/06 (2006.01) **B01J 39/12** (2006.01)
B01J 20/02 (2006.01) **B01J 47/04** (2006.01)
B01J 20/28 (2006.01) **A61M 1/14** (2006.01)

(21) International Application Number:

PCT/SG2023/050340

(22) International Filing Date:

18 May 2023 (18.05.2023)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

10202205247R 19 May 2022 (19.05.2022) SG

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, MG, MK, MN, MU, 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, ST, SV, SY, TH,

TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, ME, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— of inventorship (Rule 4.17(iv))

Published:

— with international search report (Art. 21(3))
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

(54) Title: LONG SHELF-LIFE SORBENT CARTRIDGE

(57) Abstract: Disclosed herein is a sorbent cartridge comprising: a first layer comprising activated carbon; and a second layer in direct contact with the first layer, the second layer comprising one or both of hydrous zirconium oxide and zirconium phosphate, wherein: the first layer has a moisture content of X wt. %; the second layer has a moisture content of Y wt. %; and the difference in the moisture content of the first layer and the second layer is less than or equal to 8 wt. %.

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