

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
17 July 2025 (17.07.2025)



(10) International Publication Number
WO 2025/151454 A1

(51) International Patent Classification:

A61K 9/00 (2006.01) *A61B 5/055* (2006.01)
A61P 25/28 (2006.01) *A61B 6/03* (2006.01)
C12N 15/85 (2006.01) *A61K 48/00* (2006.01)
A61B 17/34 (2006.01)

(21) International Application Number:

PCT/US2025/010632

(22) International Filing Date:

07 January 2025 (07.01.2025)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/618,684 08 January 2024 (08.01.2024) US
63/729,835 09 December 2024 (09.12.2024) US

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(54) Title: METHOD OR SYSTEM OF INFUSING AND/OR PREDICTING AN INFUSATE VOLUME

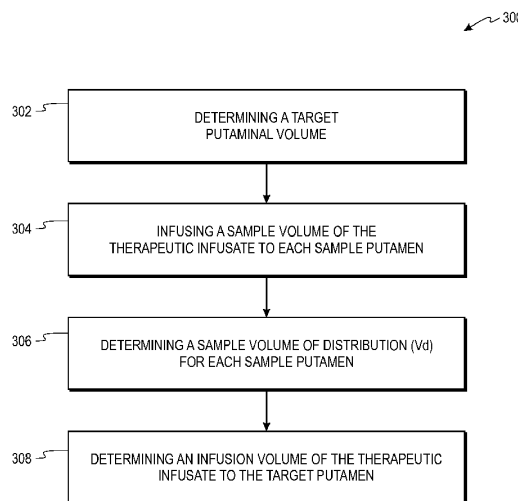


Fig. 4

(57) Abstract: A system to determine therapeutic infusion volumes of a therapeutic infusate to administer to a target putamen of a subject to achieve a desired percent coverage of the therapeutic infusate within the target putamen. The system includes an input interface, a storage device, a processor, and output interface. The input interface receives data on a target putaminal volume of the target putamen, a number of target segmental regions of the target putamen, and the desired percent coverage. The storage device includes sample putaminal volumes, sample therapeutic infusion volumes, sample volumes of distribution, and a sample percent coverage. The processor determines the total therapeutic infusion volume of the therapeutic infusate to infuse into the target putamen. The output interface provides the total therapeutic infusion volume of the therapeutic infusate to achieve the desired percent coverage of the therapeutic infusate.

[Continued on next page]

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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, UY, 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).

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))