

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
21 December 2023 (21.12.2023)



(10) International Publication Number
WO 2023/244855 A1

(51) International Patent Classification:
E21B 41/00 (2006.01)

(21) International Application Number:
PCT/US2023/025649

(22) International Filing Date:
19 June 2023 (19.06.2023)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
63/353,039 17 June 2022 (17.06.2022) US

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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,

(54) Title: METHODS AND SYSTEMS TO MANAGE IMPURE CO₂ INJECTION

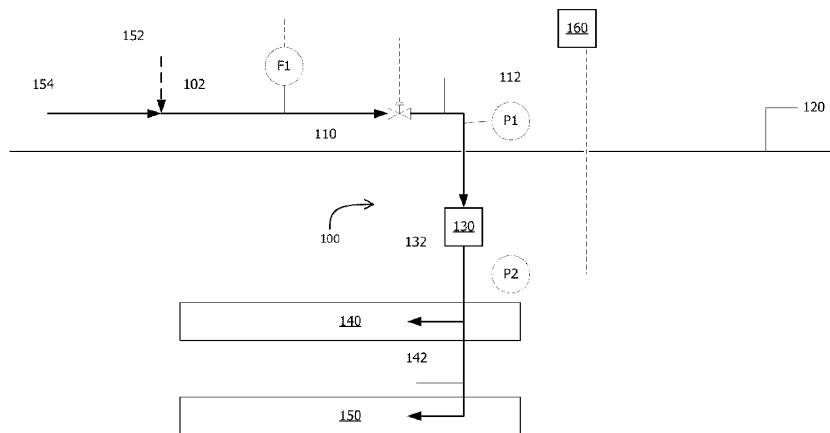


Fig. 1

(57) Abstract: A method comprising reducing the pressure of a carbon dioxide injection stream with a first pressure reducer having a depth and producing a reduced pressure carbon dioxide stream; reducing the pressure of the reduced pressure carbon dioxide stream with a second pressure reducer positioned at a lower depth than the first pressure reducer to produce a further reduced pressure carbon dioxide stream; and injecting the further reduced pressure carbon dioxide stream into a reservoir having a depth; wherein the pressure of the carbon dioxide stream at the depth of the first pressure reducer is greater than a bubble point pressure of the carbon dioxide injection stream at the depth of the first pressure reducer; wherein the pressure of the further reduced pressure carbon dioxide stream at the depth of the reservoir is less than a minimum fracture pressure of the reservoir at the depth of the reservoir.

[Continued on next page]

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).

Published:

— with international search report (Art. 21(3))