



(51) International Patent Classification:

C01F 5/24 (2006.01) **C01B 31/24** (2006.01)
C01F 11/18 (2006.01) **C01D 3/06** (2006.01)

(21) International Application Number:

PCT/IL2008/001100

(22) International Filing Date:

10 August 2008 (10.08.2008)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/954,871 9 August 2007 (09.08.2007) 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, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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

Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

[Continued on next page]

(54) Title: PROCESS FOR RECOVERING SUBSTANCES FROM HIGH SALINITY LIQUIDS

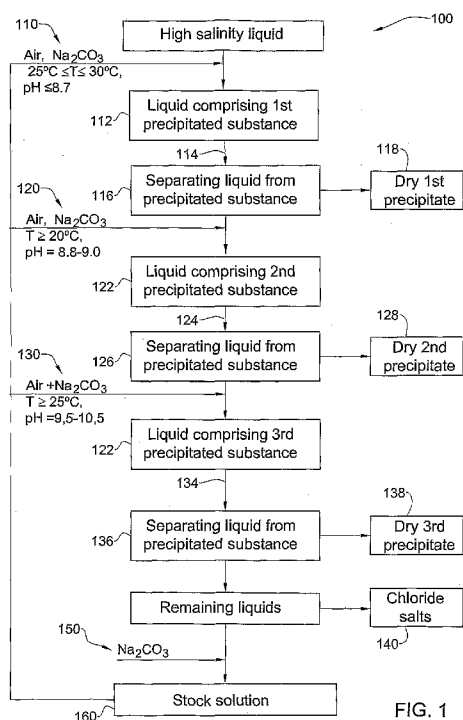


FIG. 1

(57) Abstract: The present disclosure provides a process for recovering from high salinity liquid a substance comprising a selected alkaline earth carbonate salt, the process comprises (i) adding to said high salinity liquid a reagent comprising a solution of an alkali metal carbonate in an amount sufficient to allow precipitation of said substance in said liquid, while continuously introducing into the liquid a gas whereby a high degree of precipitate is formed in the liquid; and (ii) isolating said precipitate from the liquid, wherein said precipitate comprising the alkaline earth carbonate comprising substance in an essentially purified form (at least 95%w/w degree of purity). Also provided are a unit and a system constructed and operative for performing the process, preferably continuously.



— *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))*

(88) Date of publication of the international search report:
24 September 2009