



- (51) International Patent Classification:
F17C 7/04 (2006.01) *F17C 9/02* (2006.01)
- (21) International Application Number:
PCT/SG2014/000332
- (22) International Filing Date:
16 July 2014 (16.07.2014)
- (25) Filing Language: English
- (26) Publication Language: English
- (71) Applicant: **KEPPEL OFFSHORE & MARINE TECHNOLOGY CENTRE PTE LTD** [SG/SG]; 50 Gul Road, Singapore 629351 (SG).
- (72) Inventors: **SIM, Charles P.H.**; 39A West Coast Park, #07-02, Singapore 127712 (SG). **BAI, Songlin**; Blk 355, #08-01, Kang Ching Road, Singapore 610355 (SG). **SHINE, Kunju Kunju**; Blk 271, #05-117, Toh Guan Road, Singapore 600271 (SG). **KHINE, Thet**; Blk 643, #05-63, Choa Chu Kang Street 64, Singapore 680643 (SG).
- (74) Agent: **ALLEN & GLEDHILL LLP**; One Marina Boulevard #28-00, Singapore 018989 (SG).
- (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, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, 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, 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,

[Continued on next page]

(54) Title: APPARATUS AND METHOD FOR THE REGASIFICATION OF LIQUEFIED NATURAL GAS

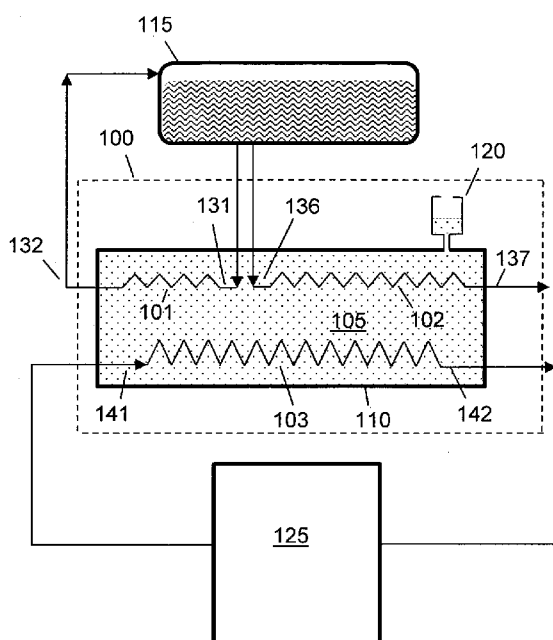


FIGURE 1

(57) Abstract: This invention relates to a liquefied natural gas (LNG) regasification apparatus and method. More particularly, this invention relates to a single-compact LNG regasification apparatus that utilizes indirect heating means to build up pressure in a storage tank, vaporize LNG and superheat natural gas.



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, LR, LS, MW, MZ, NA, RW, SD, SL, 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, 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))