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 2017-223296 21 November 2017 (21.11.2017) JP</p> <p>(71) Applicant: L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE [FR/FR]; 75, Quai d'Orsay, 75007 PARIS (FR).</p> | <p>(72) Inventors: HIROSE, Kenji; c/o Air Liquide Global E&C Solutions Japan Ltd., 7-1-15, Goko-dori, Chuo-ku, Hyogo Prefecture, 651-0087, KOBE, Hyogo 651-0087 (JP). TOMITA, Shinji; c/o Air Liquide Global E&C Solutions Japan Ltd., 7-1-15, Goko-dori, Chuo-ku, Hyogo Prefecture, KOBE, Hyogo 651-0087 (JP). NAGATA, Daisuke; c/o Air Liquide Global E&C Solutions Japan Ltd., 7-1-15, Goko-dori, Chuo-ku, Hyogo Prefecture, KOBE, Hyogo 651-0087 (JP).</p> <p>(74) Agent: DE BEAUFORT, François-Xavier; Intellectual Property Department, 75 Quai d'Orsay, 75321 PARIS Cedex 07 (FR).</p> <p>(81) Designated States (<i>unless otherwise indicated, for every kind of national protection available</i>): 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, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,</p> |
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(54) Title: BOG RECONDENSER AND LNG SUPPLY SYSTEM PROVIDED WITH SAME

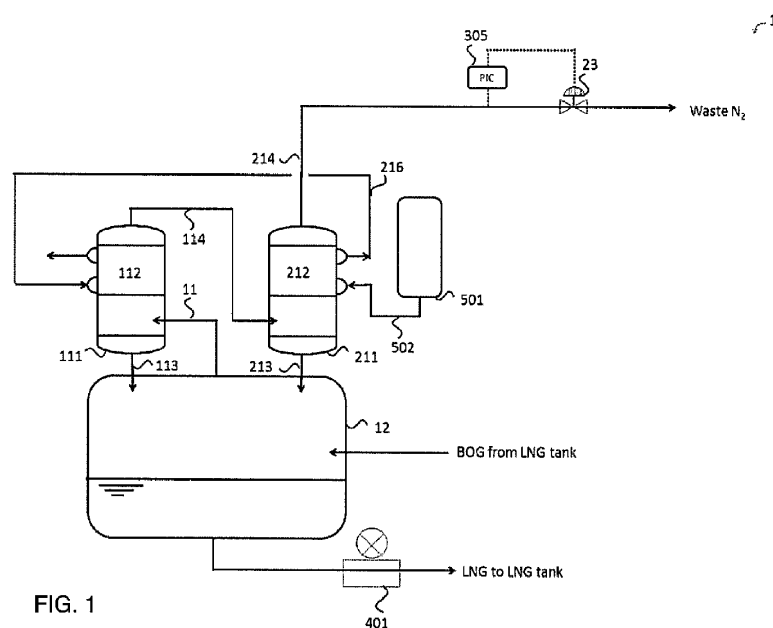


FIG. 1

(57) Abstract: PROBLEM TO BE SOLVED: To provide a BOG recombiner and an LNG supply system provided with an LNG buffer tank and the BOG recombiner, that reduce obstruction of piping in the recombiner caused by methane, the main component, and impurities. SOLUTION: The BOG recombiner 1 is a BOG recombiner for recombiner boil-off gas (BOG) vaporised from LNG in an LNG buffer tank 12 provided with a BOG draw-off pipe 11 for drawing BOG from the LNG buffer tank, a first condenser 111 for cooling BOG fed by the BOG draw-off pipe to a first temperature, a first gas supply section 114 for drawing gas from the first condenser 111, and a second condenser 211 for cooling BOG fed by the first gas supply section 114 to a second temperature lower than the first temperature; and the BOG recombiner 1 is also provided with cooling control means for controlling the feed amount and/or temperature of a first coolant fed to the first condenser 111 and/or a second coolant fed to the second condenser 211.

[Continued on next page]

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