

(12) International Application Status Report

Received at International Bureau: 05 October 2020 (05.10.2020)

Information valid as of: 07 June 2021 (07.06.2021)

Report generated on: 18 October 2021 (18.10.2021)

(10) Publication number:

WO2021/064267

(43) Publication date:

08 April 2021 (08.04.2021)

(26) Publication language:

Spanish (ES)

(21) Application Number:

PCT/ES2020/070586

(22) Filing Date:

29 September 2020 (29.09.2020)

(25) Filing language:

Spanish (ES)

(31) Priority number(s):

P201930852 (ES)

(31) Priority date(s):

02 October 2019 (02.10.2019)

(31) Priority status:

Priority document received (in compliance with PCT Rule 17.1)

(51) International Patent Classification:

F02B 63/04 (2006.01)

(71) Applicant(s):

HIMOINSA, S.L. [ES/ES]; Pol. Ind. Las Mezquitas, calle Edison nº 16 28906 GETAFE (Madrid) (ES) *(for all designated states)*

(72) Inventor(s):

AGUILERA SANCHEZ, Manuel, Isaac; Pol. Ind. Las Mezquitas, calle Edison nº 16 28906 GETAFE (Madrid) (ES)

RODRIGUEZ ACOSTA MARQUEZ, Rafael, Jose; Pol. Ind. Las Mezquitas, calle Edison nº 16 28906 GETAFE (Madrid) (ES)

(74) Agent(s):

GONZALEZ PECES, Gustavo, Adolfo; Herrero & Asociados, S.L. Cedaceros, 1 28014 MADRID (ES)

(54) Title (EN): ELECTRICAL GENERATOR BASED ON LIQUEFIED PETROLEUM GAS

(54) Title (FR): GÉNÉRATEUR ÉLECTRIQUE À BASE DE GAZ DE PÉTROLE LIQUÉFIÉ

(54) Title (ES): GENERADOR ELÉCTRICO BASADO EN GAS LICUADO DEL PETRÓLEO

(57) Abstract:

(EN): An electrical generator (100) based on liquefied petroleum gas, LPG, comprising a chassis (110) which comprises a first compartment (110a) and a second compartment (110b) and electricity generation equipment (120) established in the first compartment (110a), characterised in that the electrical generator (100) comprises at least one LGP tank (130) established in the second compartment (110b) and a first supply line for the gas in a liquid state (140) which connects the at least one LGP tank (130) to the electricity generation equipment (120) to supply the electricity generation equipment (120) with LGP.

(FR): L'invention concerne un générateur électrique (100) à base de gaz de pétrole liquéfié, GPL, qui comprend un châssis (110) qui comporte un premier compartiment (110a) et un deuxième compartiment (110b) et un groupe électrogène (120) présent dans le premier compartiment (110a) caractérisé en ce que le générateur électrique (100) comprend au moins un réservoir de GPL (130) présent dans le deuxième compartiment (110b) et un premier train de gaz d'alimentation en phase liquide (140) qui raccorde le ou les réservoirs de GPL (130) au groupe électrogène (120) pour alimenter en GPL ledit groupe électrogène (120).

(ES): Un generador eléctrico (100) basado en gas licuado del petróleo, GLP, que comprende un chasis (110) que comprende un primer compartimento (110a) y un segundo compartimento (110b) y un equipo electrógeno (120) establecido en el primer compartimento (110a) caracterizado por que el generador eléctrico (100) comprende al menos un tanque de GLP (130) establecido en el segundo compartimento (110b) y un primer tren de gas de alimentación en fase líquida (140) que conecta el al menos un tanque de GLP (130) al equipo electrógeno (120) para el suministro de GLP al equipo electrógeno (120).

International search report:

Received at International Bureau: 22 April 2021 (22.04.2021) [ES]

International Report on Patentability (IPRP) Chapter II of the PCT:

Not available

(81) Designated States:

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, HR, HU, ID, IL, IN, IR, IS, IT, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, 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, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW

European Patent Office (EPO) : 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

African Intellectual Property Organization (OAPI) : BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG

African Regional Intellectual Property Organization (ARIPO) : BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

Eurasian Patent Organization (EAPO) : AM, AZ, BY, KG, KZ, RU, TJ, TM