

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
27 October 2022 (27.10.2022)



(10) International Publication Number
WO 2022/223329 A1

(51) International Patent Classification:

F02M 21/10 (2006.01) *B63B 11/04* (2006.01)
B63H 21/38 (2006.01)

(21) International Application Number:

PCT/EP2022/059503

(22) International Filing Date:

08 April 2022 (08.04.2022)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

20210481 19 April 2021 (19.04.2021) NO

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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, 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, JM, 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.

(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, 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, 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).

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))
- of inventorship (Rule 4.17(iv))

(54) Title: SYSTEM FOR EXTRACTING HEATED HEAVY FUEL OIL FROM AN ELONGATED STORAGE TANK

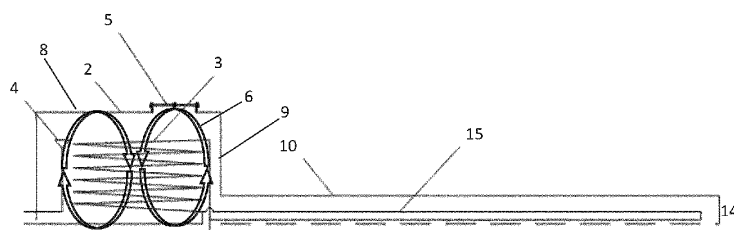


Fig. 1

(57) Abstract: The invention describes a system for extraction of heated heavy fuel oil from an elongated heavy fuel oil storage tank (1). The system comprises a convection shield (2) with closed top (8) and side (9) and a substantially open bottom, wherein the convection shield (2) is mounted with a clearance between the bottom of the storage tank (1) and the lower edge of the convection shield to allow for entry of heavy fuel oil into the convection shield through the open bottom with a heating element (4) and a fuel suction line (3) arranged inside. The system is characterized by an elongated inflow convection shield (10) connected to the lower edge of the convection shield (2) and having an inflow heating element (15) inside, sharing a common interior allowing unhindered flow of heated heavy fuel oil from the inflow convection shield to the convection shield.

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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))*