

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
15 May 2025 (15.05.2025)



(10) International Publication Number
WO 2025/101084 A1

- (51) International Patent Classification:
F16L 23/16 (2006.01) *F16L 23/18* (2006.01)
- (21) International Application Number:
PCT/NO2024/050243
- (22) International Filing Date:
08 November 2024 (08.11.2024)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
20231218 10 November 2023 (10.11.2023) 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, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, MG, MK, MN, MU, 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.

(54) Title: DEVICE FOR SEALING LEAKING FLANGE GASKETS

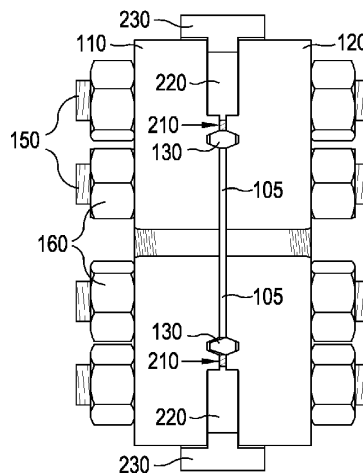


Fig. 5c

(57) Abstract: The invention relates to a sealing device (200) for sealing a leaking gasket (130) of a flange connection (100, 100-1, 100-2) between two pipe segments (115, 125). The sealing device (200) comprises at least one sealing ring (110, 110-2), a plurality of compression segments (220, 220-2) and a compression ring (230), wherein the at least one sealing ring (110, 110-2) comprises a resilient material, wherein the at least one sealing ring (110, 110-2) is shaped to be provided, in operational use of the sealing device (200), in abutment with a gasket (130) and for sealing against the flange (110, 120) and, optionally, also the gasket (130), wherein shapes of the plurality of compression segments (220, 220-2) match each other like a puzzle while, in operational use of the sealing device (200), collectively substantially filling the space around and between bolts (150) and flanges (110, 120) on both sides, wherein, in operational use of the sealing device (200), the compression ring (230) is placed around the plurality of compression segments (220, 220-2) and configured for pressing the plurality of compression segments (220, 220-2) inwardly, which on their turn press against the at least one sealing ring (110, 110-2) to make the at least one sealing ring (110, 110-2) seal against the flange (110, 120) for obtaining sealing of the flange connection (100, 100-1, 100-2).

WO 2025/101084 A1

[Continued on next page]

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, 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, ME, 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))*
- *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))*