

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
07 August 2025 (07.08.2025)



(10) International Publication Number
WO 2025/166102 A1

(51) International Patent Classification:

F16L 21/02 (2006.01) *F16L 27/10* (2006.01)
E21B 7/06 (2006.01) *F16L 37/12* (2006.01)
F16L 23/028 (2006.01) *E21B 17/05* (2006.01)
F16L 27/08 (2006.01) *E21B 17/20* (2006.01)

(21) International Application Number:

PCT/US2025/013940

(22) International Filing Date:

31 January 2025 (31.01.2025)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/549,004 02 February 2024 (02.02.2024) US

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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, UY, UZ, VC, VN,
WS, ZA, ZM, ZW.

(54) Title: FLEXIBLE JOINT ASSEMBLY

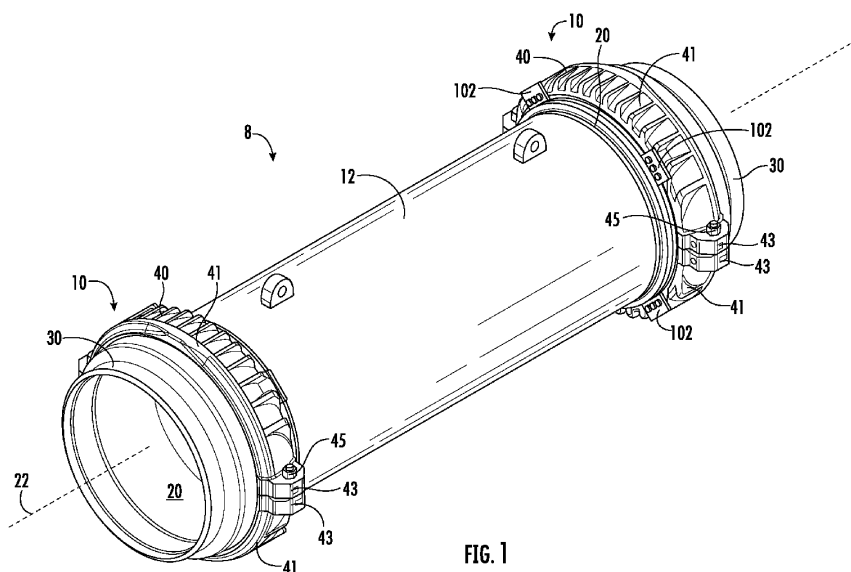


FIG. 1

(57) Abstract: A flexible joint is used to accommodate dynamic movement such as settlement, seismic and thermal movements. A portion of an outer surface of a ring is surrounded by a sleeve. A coupling attaches the sleeve to the ring. The sleeve is slidably movable on a section of the portion of the outer surface of the ring. The portion of the outer surface comprises first and second grooves, a partial spherical segment, a first frustoconical segment positioned adjacent the partial spherical segment and a second frustoconical segment positioned adjacent the partial spherical segment. The outer surfaces of the first and second frustoconical segments taper away from the partial spherical segment.

[Continued on next page]

WO 2025/166102 A1

(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))