

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
12 May 2022 (12.05.2022)



(10) International Publication Number
WO 2022/098889 A1

(51) International Patent Classification:

F16L 5/00 (2006.01) *F16L 3/12* (2006.01)
F16L 3/08 (2006.01) *F16L 3/04* (2006.01)

(21) International Application Number:

PCT/US2021/058084

(22) International Filing Date:

04 November 2021 (04.11.2021)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/110,082 05 November 2020 (05.11.2020) US

(71) Applicant: **VICTAULIC COMPANY** [US/US]; 4901
Kesslersville Road, Easton, PA 18040 (US).

(72) Inventor: **SUN, Cong**; 617 Hayes Street, Bethlehem, PA
18105 (US).

(74) Agent: **DONOHUE, Thomas, E.** et al.; Ballard Spahr LLP,
1735 Market Street, 51st Floor, Philadelphia, PA 19103
(US).

(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, 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).

Published:

— with international search report (Art. 21(3))

(54) Title: RISER ANCHOR AND INSTALLATION

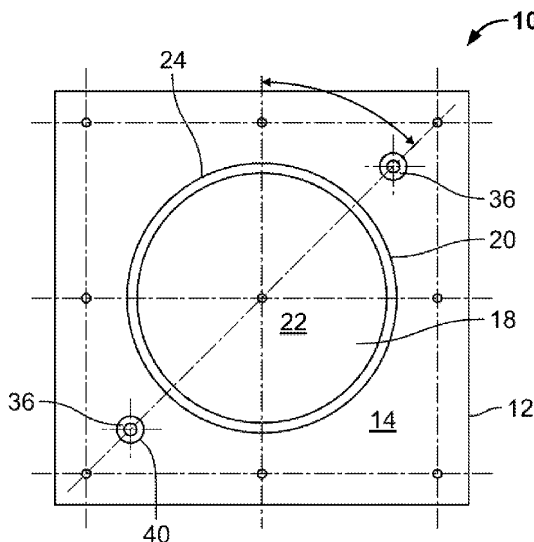


FIG. 1

(57) Abstract: An anchor assembly for riser pipes uses a plate and sleeve to support a stub pipe which penetrates a floor of a structure, such as a building, in which the riser is located. Studs extending from the plate and the sleeve engage the floor and enhance the local structural strength of the floor. A bracket which engages the plate is used to mount the stub pipe within the sleeve. The riser pipe elements are attached to the ends of the stub pipe. Fire insulation material is positioned between the stub pipe and the sleeve.

WO 2022/098889 A1