



(43) International Publication Date  
28 February 2013 (28.02.2013)

(51) International Patent Classification:  
*F16L 3/08* (2006.01)

(21) International Application Number:  
PCT/US2012/044145

(22) International Filing Date:  
26 June 2012 (26.06.2012)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
13/216,370 24 August 2011 (24.08.2011) US

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

(72) Inventors; and

(75) Inventors/Applicants (for US only): **LIU, Yi** [CN/CN];  
57-1-6-1 Malan Street, Shahekou District, Dalian LN,  
116021 (CN). **PENG, Shou** [CN/CN]; 48-1-4-3 East City,  
Dalian Development Area, Dalian LN, 116630 (CN).

(74) Agents: **CHIONCHIO, John, A.** et al.; Ballard Spahr  
LLP, 999 Peachtree Street, Suite 1000, Atlanta, GA 30309-  
3915 (US).

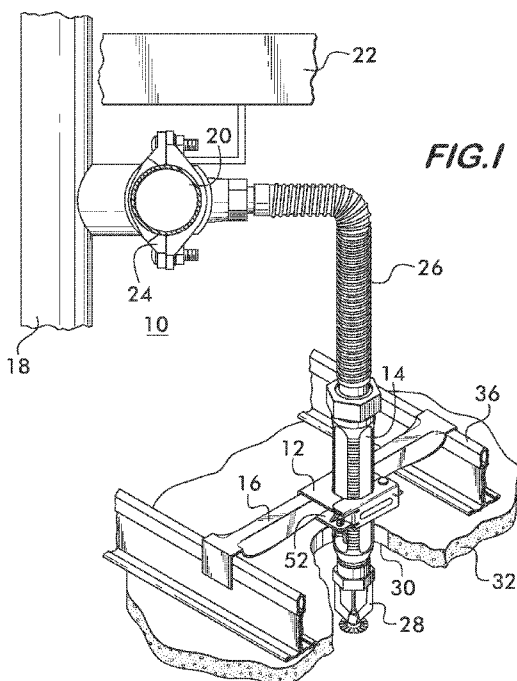
(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,  
CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO,  
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,  
HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR,  
KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME,  
MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ,  
OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD,  
SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR,  
TT, TZ, UA, UG, US, UZ, VC, VN, 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, 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,  
ML, MR, NE, SN, TD, TG).

Published:

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

(54) Title: BRACKET



(57) Abstract: A bracket positioned on one side of a membrane or surface is adjustable from the other side of the surface to permit the position of an item supported by the bracket to be readily adjusted relatively to the surface. The bracket has a base to which an arm is movably attached. The arm moves between an open and a closed position to permit the item to be received by the bracket. In the closed position the item is clamped between the base and the arm. A finger is mounted on the base and is movable into and out of engagement with a contact surface on the arm. When the finger engages the contact surface it secures the arm in the closed position and effects the clamping action which holds the item in position. The finger and arm are readily accessible to permit adjustment.