



(51) International Patent Classification:
F16K 3/02 (2006.01)

(21) International Application Number:
PCT/US2013/058327

(22) International Filing Date:
5 September 2013 (05.09.2013)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/697,661 6 September 2012 (06.09.2012) US

(71) Applicant: PENTAIR VALVES & CONTROLS US LP
[US/US]; 272 Corporate Terrace Street, Corona, CA 92879
(US).

(72) Inventors; and

(71) Applicants : MURAN, John, W. [US/US]; 8040 Meadow
Vista Drive, Reno, NV 89511 (US). KELLEY, John
[US/US]; Reno, NV (US).

(74) Agents: DAUGHERTY, Raye Lynn et al.; Quarles &
Brady LLP, 411 E. Wisconsin Avenue, Ste. 2350, Milwau-
kee, WI 53202 (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, 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, 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, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA,
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,

[Continued on next page]

(54) Title: SEGMENTED VALVE PACKING GLAND

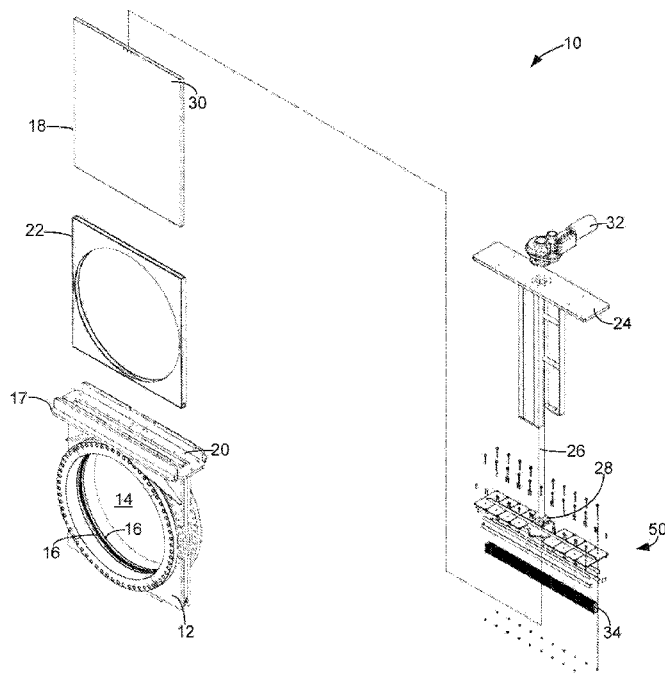


FIG. 1

(57) Abstract: A packing gland for a valve wherein the
packing gland includes a top portion for receiving a gate.
The packing gland includes first and second longitudinal
sections of packing material for sealing the gate. In addition,
the packing gland includes first and second stuffer elements
located adjacent the first and second longitudinal portions.
The packing gland also includes a plurality of clamp ele-
ments located adjacent the first and second stuffer elements,
wherein the clamp elements provide pressure on selected
portions of the first and second stuffer elements to compress
corresponding selected portions of the first and second lon-
gitudinal sections of packing material.



TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, —
KM, ML, MR, NE, SN, TD, TG).

*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))*

Published:

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