

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
23 February 2006 (23.02.2006)

PCT

(10) International Publication Number
WO 2006/019759 A3

(51) International Patent Classification:

F16B 39/30 (2006.01) **F16L 15/00** (2006.01)

(21) International Application Number:

PCT/US2005/024758

(22) International Filing Date: 12 July 2005 (12.07.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

10/891,399 14 July 2004 (14.07.2004) US

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(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

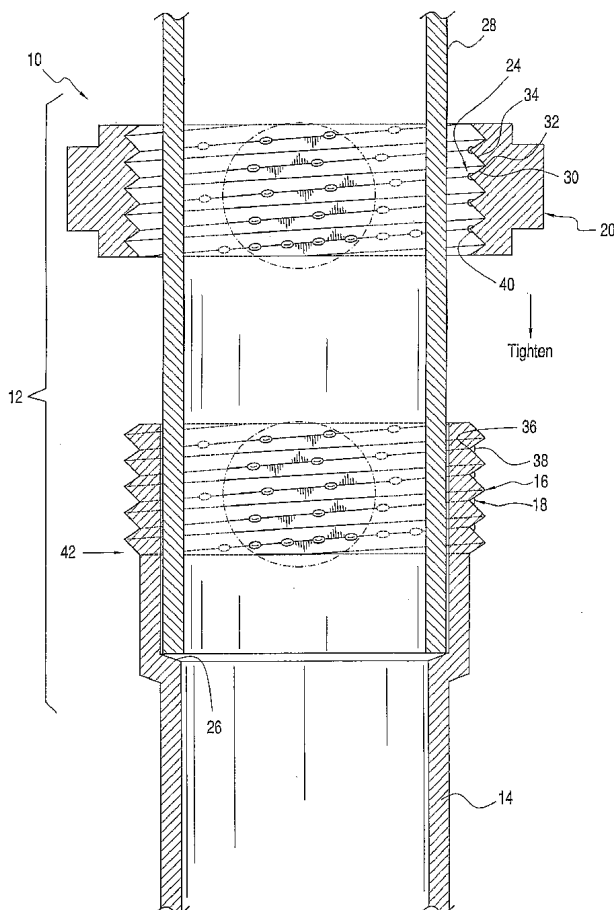
(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

(88) Date of publication of the international search report:
9 April 2009

(54) Title: RESILIENT LOCKING CONNECTION



(57) Abstract: The present invention is a plumbing fixture that includes a threaded connection, including a male part having external threads and a female part having internal threads associated with one or more protrusions interspaced such that when the female and male parts mate together, the protrusions on the male part deformably interfere with the protrusion to resist loosening of the threaded connection.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/24758

A. CLASSIFICATION OF SUBJECT MATTER

IPC: F16B 39/30(2006.01);F16L 15/00(2006.01)

USPC: 411/311;285/390

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 411/311,366.1,366.3; 285/390,391

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2003/01557668 A1 (HOLLINGSWORTH et al) 21 August 2003 (21.08.2003), see entire document, esp. [0044].	1-10, 15-27
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A		11-14, 28
Y	US 2,301,181 A (ILSEMANN) 10 November 1942 (10.11.1942), see entire document.	1-10, 15-27
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A		11-14, 28



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See patent family annex.

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"P" document published prior to the international filing date but later than the priority date claimed

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Date of the actual completion of the international search

18 December 2007 (18.12.2007)

Date of mailing of the international search report

25 FEB 2008

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