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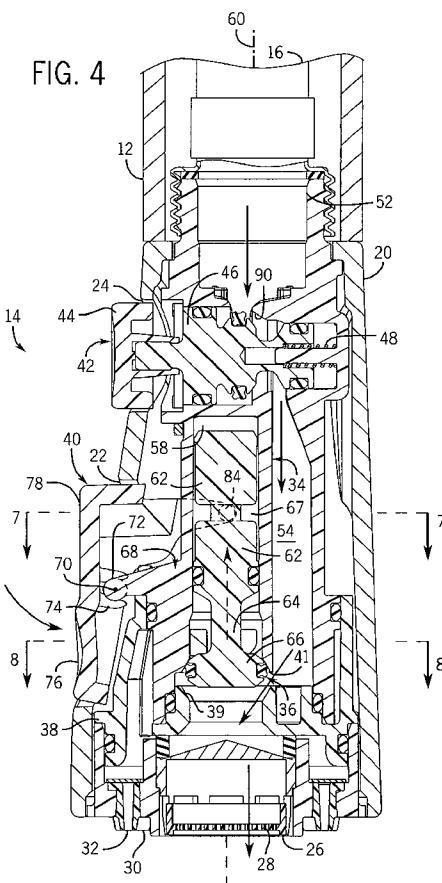
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ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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INTERNATIONAL SEARCH REPORT

International application No
PCT/US2007/019775

A. CLASSIFICATION OF SUBJECT MATTER

INV. B05B1/16 B05B1/18 B05B1/30 B05B12/00 E03C1/04
F16K11/044

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

B. FIELDSSEARCHED

Minimum documentation searched (classification system followed by classification symbols)
B.05B E03C F16K

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 practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2001/020302 A1 (BOSIO ORLANDO [IT]) 13 September 2001 (2001-09-13) cited in the application	1-4
Y		10-13, 15-20
A	paragraphs [0019] - [0021] figure 2	5-9
X	US 5 383 604 A (BOESCH PAUL [CH]) 24 January 1995 (1995-01-24) columns 2-4; figures 1-4	1-9,14
X	US 6 085 790 A (HUMPERT JUERGEN [DE] ET AL) 11 July 2000 (2000-07-11) columns 3-4; figures 2,9,10	1-8
		-/-

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"E" earlier document but published on or after the international filing date

"X¹" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"O" document referring to an oral disclosure, use, exhibition or other means

"&" document member of the same patent family

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

Date of the actual completion of the international search	Date of mailing of the international search report
24 June 2008	08/07/2008
Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl Fax: (+31-70) 340-3016	Authorized officer Roldan Abalos, Jaime

INTERNATIONAL SEARCH REPORT

International application No PCT/US2007/019775

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 453 680 A (EGRO AG [CH]) 7 November 1980 (1980-11-07) pages 4,5; figure 2 -----	1-5
P ₅ X	EP 1 825 919 A (NOBILI FABRIZIO [CH]) 29 August 2007 (2007-08-29) paragraph [0020] figure 4 -----	1,2,5, 10-13
Y	EP 1 418 008. A (MOEN INC [US]) 12 May 2004 (2004-05-12) paragraphs [0042] - [0044]; figure 21 -----	10-13, 15-20

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2007/019775

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.

2. As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.

3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.

The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.

No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCTASA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-9,14

Divertor control assembly.

2. claims: 10-13,15-20

Pause control assembly.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2007/019775

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