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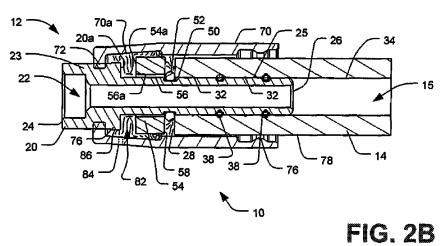
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(57) Abstract: A coupling that has a body (20) through which fluid flows and which has a proximal end and a distal end that is insertable into an end of a tubular member (14). The coupling has a sealing element (52) on the body between the proximal end and the distal end and a movable member (54) coupled to the body on a proximal side of the sealing element, the moveable member being moveable towards the distal end of the body to press the sealing element against the end of a tubular member into which the distal end has been inserted, thereby forming a face seal between the end of the tubular member and the moveable member.



INTERNATIONAL SEARCH REPORT

International application No PCT/US2012/031929

A. CLASSIFICATION OF SUBJECT MATTER INV. F16L33/34 F16L33/18 F16L33/207 ADD. 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) F16L 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) EPO-Internal, WPI Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Category* Citation of document, with indication, where appropriate, of the relevant passages FR 747 473 A (DEVIENNE) 1-4,15,Χ 17 June 1933 (1933-06-17) page 2, line 25 - line 39; figure all Χ FR 2 144 147 A5 (CDB TUYAUTERIES FLEXIBLE) 1,3,4, 9 February 1973 (1973-02-09) 11-15,20 page 3; figures 1,2 χ EP 2 045 502 A1 (GREINER SPA [IT]) 1,3-10,8 April 2009 (2009-04-08) 15,20 abstract; figure 2 WO 2007/049053 A1 (ANGELL JONATHAN GEORGE 1,3-10, χ CORDY [GB]) 3 May 2007 (2007-05-03) 15,20 abstract; figures 3,4 GB 1 021 245 A (DAIMLER BENZ AG) 10,18,19 2 March 1966 (1966-03-02) page 2, line 62 - line 123; figures 1-3 Х Further documents are listed in the continuation of Box C. See patent family annex. Special categories of cited documents "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 "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be special reason (as specified) considered to involve an inventive step when the document is combined with one or more other such documents, such combination "O" document referring to an oral disclosure, use, exhibition or other being obvious to a person skilled in the art "P" document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 25 October 2012 02/11/2012 Authorized officer Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016 Kepka, Maciek

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Information on patent family members

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