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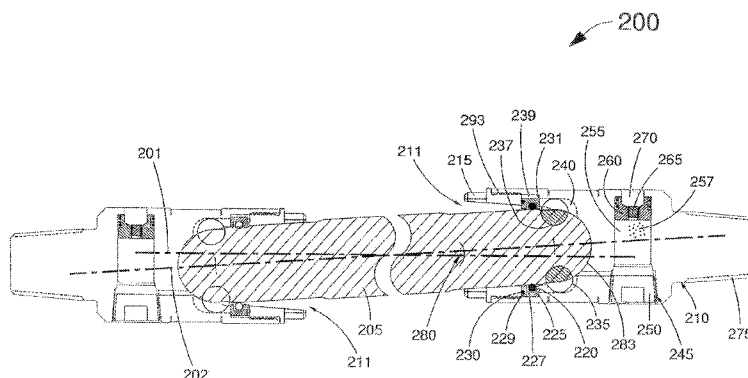
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Fig 2B



(57) **Abstract:** A universal joint assembly (200) includes an assembly housing (210), an assembly cap (215) coupled to the assembly housing (210), a rotatable mandrel (205), a plurality of substantially spherical drive balls (235), and a floating washer (220). The assembly housing (210) has a plurality of pockets (317) formed in an interior surface of the assembly housing (210). The rotatable mandrel (205) is fitted within a cavity (240) defined by the assembly housing (210) and the assembly cap (215) and has a plurality of pockets (237) configured to partially receive the drive balls (235). The substantially spherical drive balls (235) are rotatable within the cavity (240) about a central axis (202) of the mandrel. A substantially circular groove (239) formed in the cavity (240) is defined by a proximal end of the assembly cap (215) and an interior wall and a shoulder (231) of the assembly housing (210). The floating washer (220) is disposed within the substantially circular groove (239) and configured to radially displace within the groove (239).

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHED

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

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EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 949 025 B1 (KRAUS JAMES E [US] ET AL) 27 September 2005 (2005-09-27) column 3, line 36 - column 4, line 42 figures 1-4	1-22
A	US 2003/181245 A1 (SHAW JOEL DAVID [US]) 25 September 2003 (2003-09-25) paragraph [0028] figure 3	1-22
A	US 5 704 838 A (TEALE DAVID W [US]) 6 January 1998 (1998-01-06) column 4, line 64 - column 5, line 6 figure 2	1-22
A	US 4 772 246 A (WENZEL KENNETH H [CA]) 20 September 1988 (1988-09-20) figures 1,3,4	1-22



Further documents are listed in the continuation of Box C.



See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A	US 5 267 905 A (WENZEL DOUGLAS [CA] ET AL) 7 December 1993 (1993-12-07) figure 2 -----	1-22

INTERNATIONAL SEARCH REPORT

Information on patent family members

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