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[Continued on next page]

(54) Title: COMPRESSOR SYSTEM WITH PRESSURE PULSATION DAMPENER AND CHECK VALVE

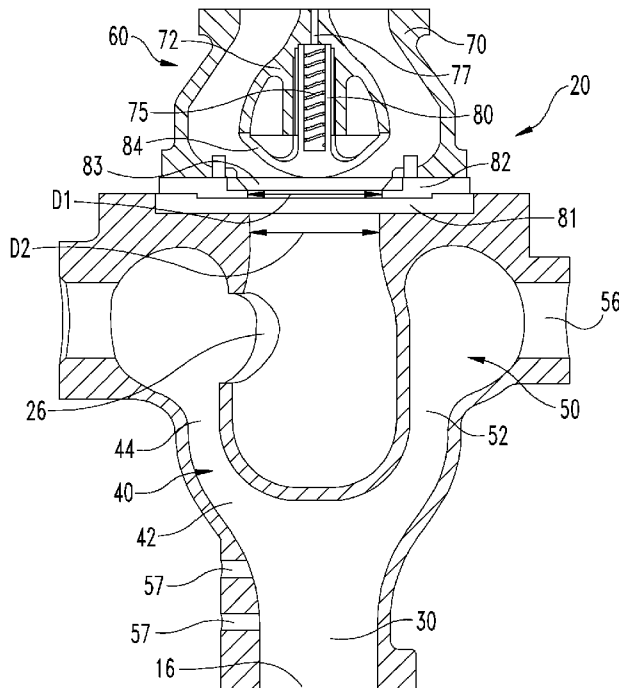


Fig. 2

(57) Abstract: A system is disclosed wherein a pressure pulse dampener is in fluid communication with a compressed fluid. The pulse dampener being operable for reducing pressure pulsations within the fluid. In some embodiments a check valve can be in fluid communication with the pulse dampener to prevent reverse flow of the compressed fluid.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2015/011702**A. CLASSIFICATION OF SUBJECT MATTER****F04D 29/66(2006.01)i, F16K 15/06(2006.01)i**

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

B. FIELDS SEARCHEDMinimum documentation searched (classification system followed by classification symbols)
F04D 29/66; F03C 4/00; F16K 21/10; F16K 15/00; F01N 1/00; F02G 5/00; F03C 2/00; F16K 15/06Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean utility models and applications for utility models
Japanese utility models and applications for utility modelsElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)
eKOMPASS(KIPO internal) & Keywords: compressor, pulse dampener, check valve, passageway, vane, seat, vent, seal**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 7568898 B2 (SHOULDERS, STEPHEN L.) 04 August 2009 See column 2, line 27 - column 4, line 31 and figures 1-3.	1-17, 28, 29
A		18-27
X	US 4911196 A (KEMP, WILLARD E.) 27 March 1990 See column 3, line 3 - column 4, line 44 and figures 1-4.	18-27
Y		1-17
Y	US 2009-0218164 A1 (LUCAS et al.) 03 September 2009 See paragraphs [0025]-[0030] and figures 5-7.	17, 28, 29
A	US 8136547 B2 (FRANCINI et al.) 20 March 2012 See column 5, line 4 - column 6, line 43 and figure 2A.	1-29
A	US 2008-0256951 A1 (DELAVAN, MATTEW B.) 23 October 2008 See paragraph [0019] and figure 2.	1-29

 Further documents are listed in the continuation of Box C. See patent family annex.

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Date of the actual completion of the international search

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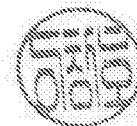
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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