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(54) Title: ELECTRONICALLY CONTROLLED FLUID COUPLING DEVICE WITH FLUID SCAVENGE CONTROL AND CHECK VALVE

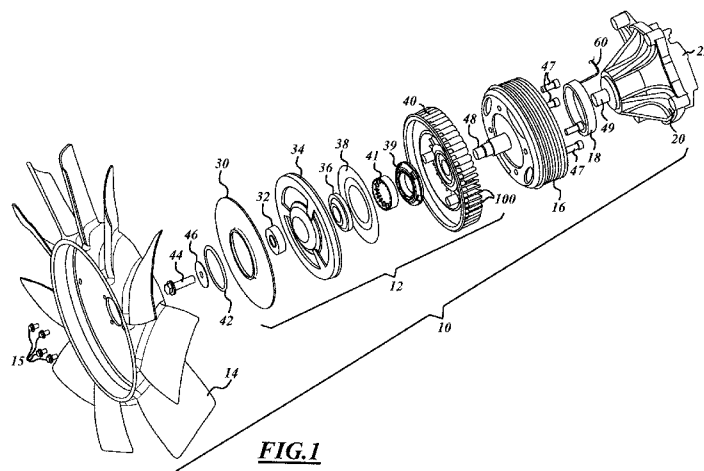


FIG. 1

(57) Abstract: A viscous fan drive with a front-mounted fan and electrical actuation without a tethered harness. The mechanical package includes an inverted viscous clutch, a drive pulley, a split electromagnetic actuator with the electrical portion mounted to a stationary mounting member, and anti-drainback check valve.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2008/078346**A. CLASSIFICATION OF SUBJECT MATTER*****F16D 35/02(2006.01)i, F16D 35/00(2006.01)i, B60K 11/00(2006.01)i, F01P 5/02(2006.01)i***

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)

IPC F16D 35/02, F16D 35/00, B60K 11/00, F01P 5/02

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)

KOMPASS (KIPO Internal) & Keywords : viscous, fluid, coupling, without tether

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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Y A	US 4544053 A (HIROJI YAMAGUCHI et al.) 1 October 1985 See column 2 line 58-column 6 line 15, figures 1-4.	1-5 6-11
Y A	US 2006/0237278 A (RICK L. BOYER et al.) 26 October 2006 See abstract, paragraphs [0016]-[0034], figures 1-3.	1-5 6-11
A	US 6935478 A (JOCHEN DRAGER et al.) 30 August 2005	1-11
A	JP 2004-286048 A (AISIN SEIKI CO LTD) 14 October 2004	1-11

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