

CORRECTED VERSION

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
1 February 2007 (01.02.2007)

(10) International Publication Number
WO 2007/012283 A1

(51) **International Patent Classification:**
F16F 9/53 (2006.01) B60G 17/08 (2006.01)
F16F 9/32 (2006.01)

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(21) **International Application Number:**
PCT/CN2006/001887

(81) **Designated States** (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, **BR**, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FT, GB, GD, GE, GH, GM, HN, **HR**, HU, **ID**, IL, IN, IS, **JP**, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

(22) International Filing Date: 28 July 2006 (28.07.2006)

(25) **Filing Language:** English

(26) **Publication Language:** English

(30) Priority Data:
60/703,428 29 July 2005 (29.07.2005) US

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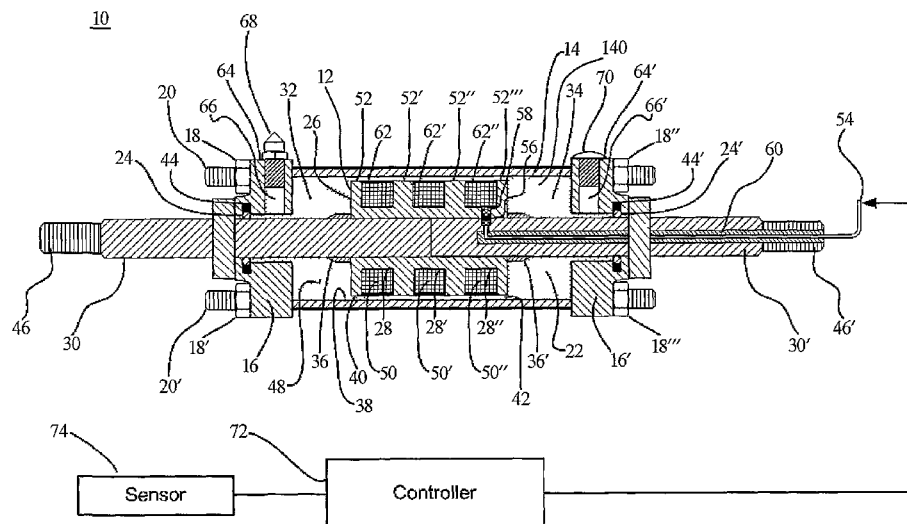
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, 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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(54) Title: PRESSURIZED MAGNETORHEOLOGICAL FLUID DAMPERS



(57) Abstract: A magnetorheological (MR) fluid device including a pressurized MR liquid with an improved performance is provided. Also provided is a method for minimizing cavitation of a common magnetorheological device, comprising providing an MR fluid within the device with a pressure of at least 100psi. The device as provided minimizes cavitation in the device, and can be broadly used in the railway vehicle suspension system with excellent performance.



Declaration under Rule 4.17:

— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(Hi))*

(48) Date of publication of this corrected version:

14 February 2008

Published:

— *with international search report*

(15) Information about Correction:

see Notice of 14 February 2008