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(71) Applicant (for all designated States except US): **GM GLOBAL TECHNOLOGY OPERATIONS, INC.** [US/US]; 300 Renaissance Center, P.O.Box 300, Detroit, MI 48265-3000 (US).

(72) Inventors: **BARTOS, Andrew, L.**; 5348 Ridge Trail North, Clarkston, MI 48348-2167 (US). **SAMIE, Farzad**; 30720 Cheviot Hills Drive, Franklin, MI 48025 (US).

(74) Agent: **CICHOSZ, Vincent, A.**; CICHOSZ AND CICHOSZ, PLLC, 129 E. Commerce Street, Milford, MI 48381 (US).

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(54) Title: SELECTABLE ONE-WAY CLUTCH WITH RADIAL INTEGRATED FORWARD/REVERSE ROCKERS

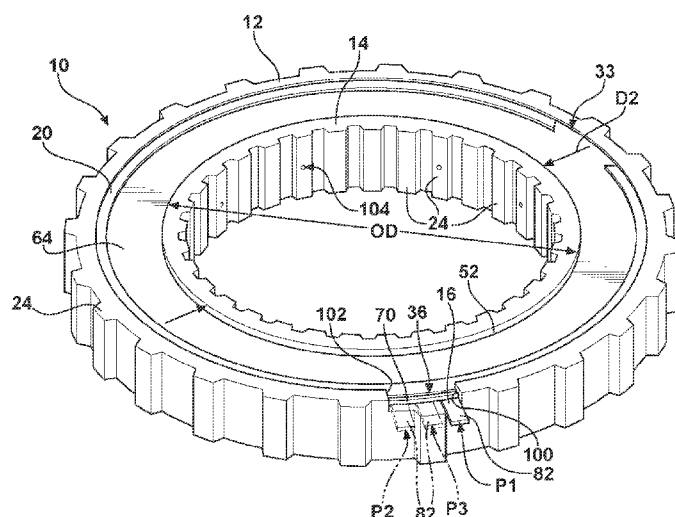


FIG. 1

(57) Abstract: A selectable one-way clutch assembly (SOWC) includes a first race, a second race, a plurality of rockers, and a selector ring. The first race and the second race each surround the first axis. Each of the rockers selectively hold torque in a rotational direction to establish a clutch operating mode. The selector ring defines a plurality of windows and is configured to rotate about the first axis to align at least one of the windows to establish one of the plurality of different clutch operating modes. The SOWC is engaged by rotating the selector ring about the first axis to align at least one of windows in a predetermined manner. Alignment allows at least one of the rockers to engage the second race in a radial direction to hold torque in at least one rotational direction.



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A. CLASSIFICATION OF SUBJECT MATTER***F16D 41/069(2006.01)i, F16D 41/06(2006.01)i***

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

F16D 41/069

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)

eKOMPASS(KIPO internal) & Keywords: select, one, way and clutch

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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X Y	US 2007-0278061 A1 (SCOTT H. WITTKOPP et al.) 06 December 2007 See paragraph [0014] - paragraph [0057] and figures 1-4.	1-5, 10-11 6-9, 12-16
Y A	US 2008-0169165 A1 (SAMIE FARZAD et al.) 17 July 2008 See paragraph [0025] - paragraph [0037] and figures 1-5.	6-9, 14 1-5, 10-13, 15-16
Y A	WO 98-10203 A1 (BORG-WARNER AUTOMOTIVE, INC.) 12 March 1998 See figures 20-23.	12-13, 15-16 1-11, 14
A	US 2008-0223681 A1 (STEVENSON PAUL D. et al.) 18 September 2008	1-16



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Authorized officer

TAK, Hyeong Yeop

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