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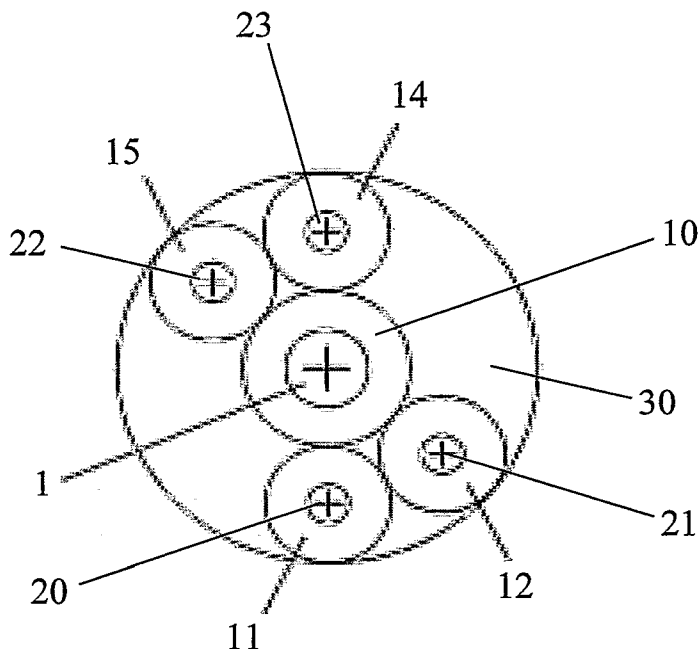
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: VARIABLE MOTION CONTROL DEVICES FOR TRANSMISSION AND OTHER IMPLEMENTATIONS AND METHODS OF USE THEREOF



(57) Abstract: Numerous implementations of variable motion control devices and methods of use thereof. The devices and methods provide variable output to such output devices as vehicles. The variable motion control devices are beatable between output devices and power sources, such as in vehicle transmission applications between the engine and driveline, wherein an output of a power source is input into the device, which, in turn, provides a variable output to the vehicle drive line or other output application.

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INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US06/30449

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - (2007.01) F16H 3/44  
USPC - 475/286

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(8) (2007.01) F16H 3/44  
USPC - 475/286

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)

USPTO EAST System (US, USPG-PUB. EPO, DERWENT), MicroPatent, IP.com, DialogPro search terms: class 475, "drum gear", "eddy current brake", "hydraulic pump", "input shaft", "radially shiftable cam", "shiftable cam", "sprag shaft", "variable cam", band, brake, cam, piston, sprag, transmission

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,512,021 A (SHASH) 30 April 1996 (30.04.1996) the entire document	1-4, 7, 16, 43
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Y		5, 6, 8-15, 17-19
Y	US 1,781,924 A (JOHNSON) 20 August 1927 (20.08.1927) page 3 lines 32-56	5, 6, 19
Y	US 3,664,776 A (MILLS et al) 23 May 1972 (23.05.1972) the entire document	8-11, 20-31
Y	WO 03/019045 A1 (RAE) 06 March 2003 (06.03.2003) the entire document	12-15, 20-31
Y	US 3,543,649 A (MARTIN) 01 December 1970 (01.12.1970) the entire document	17
Y	WO 2004/103755 A1 (VAN DRUTEN et al) 02 December 2004 (02.12.2004) page 2 line 14	18

Further documents are listed in the continuation of Box C.

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