1 **CONDITION RESPONSIVE RATIO CHANGE**
2 .Fluid control
3 ..And electric or magnetic control
4 .Electric or magnetic control
5 .Centrifugal actuator
6 **RATIO CHANGE BY EXPANSION OR COMPRESSION OF FLEXIBLE FRICTION SURFACE**
7 **WITH FRICTION ENHANCING FLUID**
8 **WITH LUBRICATION**
9 **FLUID CONTROL**
10 .Of toroidal transmission
11 **ELECTRIC OR MAGNETIC CONTROL**
12 **WITH INDICATOR OR ALARM**
13 **CYCLICAL OUTPUT**
14 **WITH TRANSMISSION COOLING OR HEATING MEANS**
15 **FORWARD AND REVERSE**
16 .Flexible belt in drive train
17 ..Drive in one direction by direct engagement of belt pulleys
18 .Variable speed in forward or reverse
19 ..With toothed gears in drive train
20 ..Stepped ratio change
21 ..Intermediate idler between input and output gears
22 ...Idler between conoidal gears
23 ...Idler between flat discs
24 ..Driving and driven gears on perpendicular axes
25 .Drive in forward direction by direct clutch
26 .Driving and driven gears on angularly related axes
27 **PLURAL GEARING IN SERIES**
28 .Flexible belt in drive train
29 ..Friction gearing is ratio change gearing
30 ...Friction gearing is stepless ratio change
31 .Plural friction gearing in series
32 ..Ratio change gearing and nonratio change gearing
33 .Friction gearing is ratio change gearing
34 .One gear is toothed bevel gear
35 .One gear is worm gear
36 **FRICTION GEAR IS BALL**
37 .With condition responsive means to vary contact pressure
38 .Variable ratio
39 **FRICTION GEAR INCLUDES IDLER ENGAGING FACING CONCAVE SURFACES**
40 .Toroidal
41 ..With condition responsive means to vary contact pressure
42 ..Plural toric cavities
43 ..Including threaded means to adjust idler
44 ..Including toothed gearing to adjust idler
45 ..Including spring means to bias friction surfaces into engagement
46 ..Idler supported by roller bearing
47 **STEPLESS RATIO CHANGE**
48 .With condition responsive means to vary contact pressure
49 .Plural interdigitated disks on parallel axes
50 .Intermediate idler between driving and driven gears
51 ..Idler between conoidal gears
52 ...Idler is ring
53 ....Rigid
54 ..Idler between flat disks
55 .Driving and driven gears on nonlinear angularly related axes
56 ..Perpendicular
57 ...Disc and wheel
58 ....Disc on input shaft
59 **STEPPED RATIO CHANGE**
60 .Stepped motor shaft
61 **CONDITION RESPONSIVE MEANS TO VARY CONTACT PRESSURE**
62 .Centrifugal actuator
63 .Ball actuator
64 **FRICTION GEAR ON SHAFT OF MOVABLY MOUNTED MOTOR**
65 **SPRING URGES CONTACTING GEARS INTO ENGAGEMENT**
66 .Coil spring
67 **FRICTION TRANSMISSION OR ELEMENT**
68 .Friction gears on nonlinear angularly related axes
69 ..Perpendicular axes
70 .Roller bearing between gear and support

71 .Flexible drive shaft
72 .Particular friction surface
73 ..Metallic

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