

1	VEHICLE CONTROL, GUIDANCE, OPERATION, OR INDICATION	38	...Attitude change suppressive control (e.g., antiroll or antipitch)
2	.Remote control system		
3	.Aeronautical vehicle	39	...Fail-safe system
4	..Altitude or attitude control or indication	40	...Artificial intelligence (e.g., fuzzy logic)
5	...Rate of change (e.g., ascent, decent)	41	..Steering control
6	....Angle of attack	42	...Feedback, transfer function or proportional and derivative (P& D) control
7	...Air speed or velocity measurement	43	...Fail-safe system
8	...Threshold or reference value	44	...Artificial intelligence (e.g., fuzzy logic)
9	...Warning signal or alarm		
10	...Compensation for environmental conditions	45	..Control of vehicle safety devices (e.g., airbag, seat-belt, etc.)
11	...Auto pilot		
12	....Inner/outer loop	46	...By integrating the amplitude of the input signal
13	..Spacecraft or satellite		
14	..Flight condition indicating system	47	...By frequency or waveform analysis
15	..With indication or control of take-off	48	..Cooperative or multiple control (e.g., suspension and braking)
16	..With indication or control of landing	49	..Vehicle equipment position control (e.g., seat, mirror, door, window, headrest, or headlamp)
17	...I.L.S. or radar guidance		
18	...Profile of descent		
19	.Railway vehicle	50	.Construction or agricultural-type vehicle (e.g., crane, forklift)
20	..Railway vehicle speed control		
21	.Marine vehicle	51	.Transmission control
22	.Electric vehicle	52	..Semiautomatic control (e.g., switchable between automatic and manual)
23	.Automatic route guidance vehicle		
24	..On-board computer interact with a host computer	53	..And other vehicle control
25	..Storage or planning of route information	54	...Engine output control
26	...Modification or correction of route information	55	..By changing shift map, schedule, or pattern
27	..Artificial intelligence (e.g., fuzzy logic)	56	...Having a plurality of preset maps, schedules, or patterns
28	..Having image processing	57	..Fuzzy logic
29	.Vehicle diagnosis or maintenance indication	58	..Adaptive control
30	..Indication of maintenance interval	59	...Model or learning means (e.g., neural network)
31	..Self-test	60	...Feedback control (e.g., closed loop)
32	..Vehicle or device ID	61	....Using a transmission ratio as feedback control
33	..Plural processors or external processor	62	..Fail-safe control (e.g., preventing a gear shift)
34	..Detection of faulty sensor	63	...Responsive to faulty sensor
35	..With data recording device	64	..Indicating a completion of a shift or a shift to be completed
36	.Vehicle subsystem or accessory control		
37	..Suspension control		

65	..Responsive to road, external, or ambient condition	91	...Integrated with antiskid or other vehicle control system (e.g., cruise control, suspension)
66	..Time regulated operations		
67	.Clutch control		
68	..Adaptive control	92	...Fail-safe system
69	.Control of power distribution between vehicle axis or wheels (e.g., four wheel drive vehicle)	93	..Vehicle speed control (e.g., cruise control)
70	.Indication or control of braking, acceleration, or deceleration	94	...Having gradient responsive control to suppress hunting, overshooting, or undershooting
71	..Antiskid, antilock, or brake slip control	95	...By transmission shifting control
72	...During cornering or turning of vehicle	96	..Having inter-vehicle distance or speed control
73	...On split coefficient surface (u)	97	...Fail-safe system
74	...Having particular means to determine a reference value for wheel slippage or pseudo- vehicle speed	98	...Artificial intelligence (e.g., fuzzy logic)
75	....Correction or modification	99	.With indicator or control of power plant (e.g., performance)
76	...Fail-safe system	100	..Gas turbine, compressor
77	...Artificial intelligence (e.g., fuzzy logic)	101	..Internal-combustion engine
78	...Control of brake pressure	102	...Digital or programmed data processor
79	....Having speed variation responsive means (e.g., acceleration, deceleration)	103	....Control of air/fuel ratio or fuel injection
80	....Having coefficient of friction or road condition determining means	104	.....Controlling fuel quantity
81	....Four wheel drive, electric, or heavy vehicles	105	.....Controlling timing
82	..Antispin, traction control, or drive slip control	106	.....Artificial intelligence (e.g., fuzzy logic)
83	...Control of brake pressure	107	.....Fail-safe system
84	...Control of engine torque	108	.....Exhaust gas circulation (EGC)
85	....Having throttle valve positioning	109	....Detection of O2 concentration
86	....Having fuel cutting or ignition timing retarding	110	....Speed, acceleration, deceleration
87	...Control of transmission torque	111	...Vibration, roughness, knock
88	..Restricting differential operation	112	...Engine stop, fuel shutoff
89	...Four wheel drive vehicle	113	...Starting, warmup
90	..Having particular slip threshold, target slip ratio, or target engine torque determining means	114	...Backup, interrupt, reset, or test
		115	....Specific memory or interfacing device
		116	.With indication or control to maintain fixed position
		117	.Traffic analysis or control of surface vehicle
		118	..With determination of traffic density
		119	..With determination of traffic speed
		120	.Traffic analysis or control of aircraft

121	..With speed control or order	300	RELATIVE LOCATION
122	..With course diversion	301	.Collision avoidance
123	.With indication of fuel consumption rate or economy of usage	302	.Course to intercept
124	.Determining balance or center of gravity (e.g., load distribution of vehicle)		
200	NAVIGATION		
201	.Determination of travel data based on the start point and destination point		FOREIGN ART COLLECTIONS
202	..Route pre-planning		FOR 000 CLASS-RELATED FOREIGN DOCUMENTS
203	..Great circle route		
204	.Determination of E.T.A.		
205	.Determination of along-track or cross-track deviations		
206	.Employing way point navigation		
207	.Employing position determining equipment		
208	..For use in a map data base system		
209	...Including route searching or determining device		
210	...Route correction, modification, or verification		
211	...Having audio or visual route guidance		
212	...Having variable map scale		
213	..Using Global Positioning System (GPS)		
214	...Means to improve accuracy of position or location		
215	...Having multiple GPS antennas or receivers (e.g., differential GPS)		
216	...Having an self-contained position computing means (e.g., dead reckoning)		
217	..Using dead-reckoning apparatus		
218	..Using R-O (D.M.E. and path) or Tacan equipment		
219	..Using Loran or Shoran or Decca equipment		
220	..Using inertial sensor		
221	..With correction by noninertial sensor		
222	..Using star tracker		
223	..With radar or optical ground scanner		
224	.With indicated course correction (compass deviation)		
225	.Determining range without range measurement		
226	.Space orbits or paths		

