1.51		169	.Radiation, force, or waves
164	WITH POWERED MEANS FOR CREATING	100	reflected from external object
	FLUID FORCE TO ATTRACT VEHICLE		or surface
116	TO SURFACE OF TRAVEL	170	WITH MEANS RESPONSIVE TO SPEED OF
116	SURFACE EFFECT VEHICLES (I.E.,	170	VEHICLE FOR MAINTAINING SPEED
110	GROUND EFFECT MACHINES)		AT, OR PREVENTING IT FROM
117	.Having propulsion or control		EXCEEDING, A PARTICULAR VALUE
118	means	171	.Including device to signal to
110	Responsive to instability		operator existence of unusual
119	conditionSurface contacting control		or unintended speed
120	Integrated with working fluid	172	.Including device responsive to
121	With plural cushions		centrifugal force
121	_	173	And means to prevent tampering
122	With dynamic seal or fluid curtain		or unauthorized use
123	.Spray deflector	174	Having electrical switch
124		175	.Including fluid pressure
124	Expansible chamber Fluid bearing or fluid pad		actuated servomechanism
126		176	And electrical quantities
127	Rigid side walls Flexible skirt		comparison means for
127	Having outlet for working fluid		development of input pressure
129	naving outlet for working fluid .Dynamic seal or fluid curtain	177	And one or more electrical
130	Recirculating		components for establishing or
165	WITH FLUID OR MECHANICAL MEANS TO		regulating input pressure
105	ACCUMULATE ENERGY (I) DERIVED	178	.Including electrically actuated
	FROM MOTION OF VEHICLE OR (II)		servomechanism
	OBTAINED FROM OPERATION OF	179	And electrical quantities
	VEHICLE MOTOR, AND GIVE UP THE		comparison means for
	ENERGY (1) WHEN NEEDED FOR		development of electrical
	VEHICLE ACCELERATION OR (2) TO	100	input
	POWER AN AUXILIARY SYSTEM OF	180	SKI- OR SKATE-TYPE VEHICLE FOR
	THE VEHICLE		IMPARTING MOVEMENT TO A PERSON STANDING THEREON
166	WHEELED INFANT CARRIAGE OR CRIB	181	.With power means or a portion
	WITH DRIVEN MEANS FOR	101	thereof affixed to or built
	RECIPROCATING IT		into the ski or skate
	LONGITUDINALLY	182	INCLUDING ONE OR MORE SKI-LIKE OR
2.1	MOTOR SUPPLIED WITH POWER FROM	102	RUNNER MEMBERS
0 0	EXTERNAL SOURCE	183	.Member substitutable for wheel
2.2	.Source comprises or includes		type support structure
	energy derived from force of	184	With propulsion element of
167	nature (e.g., sun, wind)		endless track type
107	WITH MEANS FOR CONTROLLING OPERATION RESPONSIVE TO	185	Track comprises substitute for
	ELECTROMAGNETIC RADIATION,		or addition to propulsion
	MAGNETIC FORCE, OR SOUND WAVES		element of traction wheel type
	RECEIVED FROM SOURCE, OR	186	.With at least one surface-
	REFLECTED FROM OBJECT OR		engaging propulsion element
	SURFACE, LOCATED APART FROM	187	Element shuffles along support
	VEHICLE		surface
168	.Having controlling means adapted	188	Spiral type element
	to interact with stationary	189	Plural elements connected to
	means which describes course		and spaced along the plural
	of vehicle's travel		throws of a common crankshaft
		190	Endless track type element
		191	Protruding from member

192	Plural tracks with	6.48	.Independently operable drive
	interconnected drive or		motors
	support means	6.5	Electrical
193	With vertically movable track	6.54	.Variable contact
	support located intermediate	6.58	.Controlled from rotatably
	the forward and rearward		mounted superstructure
	extremities of the track	6.6	Steering responsive to rotary
194	Plural discrete elements		movement of superstructure
	protruding from a wheel, hub,	6.62	.Combined
105	or shaft	6.64	.Swinging traction frame
195	Each element moves relative to		responsive to differential
105	wheel, hub, or shaft		drive
196	Element comprises traction	6.66	.Reversing drive to traction
400	wheel		element
197	WITH MEANS FOR DETECTING WHEEL	6.7	.Endless flexible track
	SLIP DURING VEHICLE	7.1	SPECIAL DRIVING DEVICE
	ACCELERATION AND CONTROLLING	7.2	.Spiral type element
	IT BY REDUCING APPLICATION OF	7.3	.Reaction jet propulsion
100	POWER TO WHEEL	7.4	.Propeller type
198	PORTABLE CARRIER SUPPORTS MOTOR	7.5	.Vehicle mounted winch for
	VEHICLE IN TOTO AND IS		pulling vehicle
100	PROPELLED THEREBY	8.1	.Stepper
199	WITH POWERED, GROUND-ENGAGING	8.2	Step or abutment ascending/
	MEANS FOR PRODUCING, OR		desending type vehicle
	ASSISTING IN THE PRODUCTION	8.3	Wheel and stepper type
	OF, LATERAL MOVEMENT OF THE	8.4	Nonsupporting pusher type
200	VEHICLE (E.G., FOR PARKING)		stepper
200	.Comprising rotatably driven	8.5	With alternately lifted
	auxiliary wheel or endless		supporting base and leg
201	track	8.6	With alternately lifted feet or
201	Driven by frictional engagement		skid
	with tire of vehicle traction wheel	8.7	Endless or rotary type
202	Driven by auxiliary electric or	9	.Portable track
202	fluid motor	9.1	Endless, flexible
203	.Comprising reciprocably driven	9.21	Track substituted for drive
203	stepper or rotatably driven		wheel
	cam	9.22	Guided by walking attendant
204	WITH DEVICE FOR PROGRAMMABLY	9.23	With attendant station
204	OPERATING VEHICLES STEERABLE	9.25	Rider straddles vehicle
	WHEELS		(e.g., motorcycle)
6.2	STEERING BY DRIVING	9.26	Convertible from wheel type
6.24	.Combined with manual steering	9.28	Track remains with vehicle
6.26	Interlocked	9.3	Wheel or track contacts
6.28	Electrical		ground
6.3	Fluid	9.32	With auxiliary obstacle
		3.32	surmounting means
6.32	Lever and/or linkage	9.34	With ground wheel
6.34	With controller cam	9.36	Opposite and laterally spaced
6.36	Lost motion type	9.38	Steering
6.38	Geared	9.4	With hitch
6.4	With flexible and/or	9.42	Combined
C 4 4	yieldable link	9.42	
6.44	.Auxiliary steering motor	J•44	With track-related steering means

9.46	Pivoted track frame	24.09	With interaxle differential
9.48	Laterally extendable track	24.1	With drive interrupt means to
9.5	Track support mounted for		either tandem drive wheel
	vertical movement	24.11	Driven tandem wheels
9.52	Adjustable	24.12	One serially driven by other
9.54	With spring	24.13	Spring rocker beam
9.56	<pre>Longitudinally extending coil spring</pre>	205.1	.Rider propulsion with additional source of power, e.g.,
9.58	Leaf or torsion spring		combustion engine or electric
9.6	Transversely extending		motor(IPC)
9.62	Toothed wheel drive	205.2	Rider propelled cycle with
9.64	Belt or chain driven		auxiliary combustion
10	Annular		engine(IPC)
11	MOTOR-CARRYING ATTACHMENTS	205.3	Control or actuating device
12	.Driven steering wheel type		therefore; Arrangement
13	Single wheel	005.4	thereof(IPC)
14.1	VEHICLE TRAINS	205.4	Power driven at crank
14.2	.Motorized trailer		shaft(IPC)
14.3	All motors supplied from power	205.5	Power driven at axle(IPC)
	plant of a single vehicle	205.6	Power driven at endless
14.4	.Drive means betwen vehicles		flexible drive member, e.g.,
	through coupling		chain(IPC)
14.6	.Tractor drive effort varied by	205.7	Power driven by friction
	pull exerted by trailer		roller or gear engaging the
14.7	.Vehicle drive drives other	006.1	ground wheel (IPC)
	vehicle wheel	206.1	Rider propelled cycle with
14.5	.Overload release	206.0	auxiliary electric motor(IPC)
15	ADDITIONAL TRACTION WHEEL	206.2	Control or actuating device
16	TRACTION WHEEL ATTACHMENTS	206.2	therefore(IPC)
19.1	STEERED BY WALKING ATTENDANT	206.3	Characterized by detector or
19.2	.Who steerably controls steerable		<pre>sensor; Arrangement thereof(IPC)</pre>
	wheel	206.4	Power driven at crank
19.3	.Handle movement controls vehicle	200.4	shaft(IPC)
	drive	206.5	Power driven at axle(IPC)
20	WITH ROLLERS	206.5	With axle driving shaft
21	SPECIAL WHEEL BASE	200.0	arranged coaxially with motor
22	.Five or more wheels		output shaft(IPC)
23	Driven steering wheel type	206.7	Power driven at endless
24	Stub-axle type	200.7	flexible drive member, e.g.,
24.01	Having tandem steerable or		chain(IPC)
	translatable wheels or wheel	206.8	Power driven by friction
	sets	20010	roller or gear engaging the
24.02	Displaceable wheel shifts or		ground wheel (IPC)
	proportions load	207.1	Accessories; Arrangement
24.03	Independently rotatable side-		thereof(IPC)
	by-side dual wheels	207.2	Solar cell; Arrangement
24.04	With differential housing		thereof(IPC)
	<pre>integrally fixed to vehicle frame</pre>	207.3	Battery; Arrangement
24.05	Rocker beam houses drive means	208	thereof(IPC)
24.06	Plural propelling motors	∠∪δ	.Collapsible or knockdown for
24.07	Separate driving motor for		storage or transport
	each drive wheel		
24.08	Each wheel positively driven		

209 210 211	.With means for changing number of supporting wheels, or for adjusting relative location thereof .Having only three wheelsIncluding steerable and driven	232	WITH MEANS FOR (1) PROTECTING MOTOR FROM IMPACT OF COLLISION, (2) UTILIZING MASS OF MOTOR TO ABSORB FORCE THEREOF, OR (3) PROTECTING OCCUPANT REGION OF VEHICLE
	wheel		FROM IMPACT-INDUCED SHIFTING
212	All wheels motor driven	4.1	OF MOTOR
213	Having motor mounted to swing	41	WITH LEVELING DEVICE
	with steerable wheel	233	HAVING FOUR WHEELS DRIVEN
214	Electrical-type motor	234	.With means for steering all
215	Including two wheels driven and	225	driven wheels
	having common axis of rotation	235	Comprising articulated frame
216	Electrical-type motor		and means for pivoting one portion of frame relative to
217	Including endless element for		other portion about vertical
010	transmitting drive to wheels		axis located centrally of
218	.Having only two wheels		vehicle
219	Arranged in tandem	236	In a path of travel other than
220	Electrical-type motor		that produced by turning the
221	Including rotating element for frictionally engaging and driving a wheel		front wheels and the rear wheels substantially equally and oppositely
222	\ldots And means for steering that	237	Comprising swingable, plural-
	wheel	237	wheel-carrying axles on
223	Including steerable and driven wheel		individual, vertical axes of pivot
224	Both wheels motor driven	238	At least one axle being offset
225	Having frame element or fender		from its pivotable axis
	constituting also exhaust or fuel passageway or fuel reservoir	239	Including longitudinally extending, endless element for transmitting drive to wheels
226	Including longitudinally extending shaft for transmitting drive to wheel	240	Including rotatable shaft extending longitudinally from
227	Including resilient means for mounting driven wheel		wheels at one end of vehicle to wheels at other end for
228	Including resilient means for		transmitting steering force
-	mounting motor	241	theretoIncluding longitudinally
229	With means for cooling motor	241	extending, endless element for
230	With change-speed means		transmitting drive to wheels
	between motor and driven wheel	242	.Including pump and fluid motor,
231	Including endless element for		or generator and electric
	transmitting drive and means for adjusting tension of		motor, for driving one or more wheels
2.0	element	243	And another means for driving
36 37	STEAM TRACTION ENGINES		the remaining driven wheels
37 38	.Driven steering wheel typeFour wheels driven	244	.With means for braking either
39	rour wheels driven .With boiler leveler		(1) one or more driven wheels
39 40	.With polier leveler .Spring mounted on axle		or (2) structure transmitting
± ∪	.spring mounted on axie	245	drive to wheel .Including separate mechanical
		243	assemblies for transmitting drive to each of two wheels at one end of vehicle

246	And assemblies for each of two wheels at other end, also	262	Joint also includes gear element on fixed portion
247	.With manually operated means for disengaging drive to one or more, but fewer than all, of		engaging gear element on axis of pivot and vertically offset from gear element on pivotable
	the four wheels		portion
248	.With differential means for driving two wheel sets at dissimilar speeds	263	Having axis of pivot disposed between parallel planes defined by opposite sides of
249	And means for locking out the differential means	264	<pre>wheel .With driven axle, mounting two</pre>
250	Manually operated type of lockout means		or more wheels, swingable about axis of pivot, and motor mounted to swing therewith
251	.Including longitudinally	265	5
	extending, endless element for transmitting drive to wheels	265	Having axle offset longitudinally from axis of
252	HAVING AT LEAST ONE WHEEL BOTH	0.66	pivot
	DRIVEN AND STEERABLE	266	.With driven axle, mounting two
253	<pre>.Steerable wheel has exclusive axis of pivot (i.e., stub-axle type)</pre>		or more wheels, swingable about axis of pivot, and swingable also about a
254	Including flexible, axially		horizontal axis
	rotatable means having one	267	.With driven axle, mounting two
	portion fixed to vehicle and		or more wheels, swingable
	another portion pivotable with		about axis of pivot, and shaft
	wheel for transmitting drive		for transmitting drive
	thereto		coincident with axis
0		260	
255	Pivotable portion of means has	268	WITH BELT OR HARNESS FOR
255	Pivotable portion of means has additional structure of	200	RESTRAINING OCCUPANT, AND
255	-	200	RESTRAINING OCCUPANT, AND MEANS WHEREBY THE BELT OR
255	additional structure of	200	RESTRAINING OCCUPANT, AND MEANS WHEREBY THE BELT OR HARNESS CONTROLS, OR IS
255	additional structure of gearlike nature in driving	200	RESTRAINING OCCUPANT, AND MEANS WHEREBY THE BELT OR HARNESS CONTROLS, OR IS CONTROLLED BY, THE FUNCTIONING
255256	additional structure of gearlike nature in driving engagement with corresponding	200	RESTRAINING OCCUPANT, AND MEANS WHEREBY THE BELT OR HARNESS CONTROLS, OR IS CONTROLLED BY, THE FUNCTIONING OF A VEHICLE SYSTEM OR
	additional structure of gearlike nature in driving engagement with corresponding structure on wheel		RESTRAINING OCCUPANT, AND MEANS WHEREBY THE BELT OR HARNESS CONTROLS, OR IS CONTROLLED BY, THE FUNCTIONING OF A VEHICLE SYSTEM OR COMPONENT
	additional structure of gearlike nature in driving engagement with corresponding structure on wheelMeans comprises rotatable	269	RESTRAINING OCCUPANT, AND MEANS WHEREBY THE BELT OR HARNESS CONTROLS, OR IS CONTROLLED BY, THE FUNCTIONING OF A VEHICLE SYSTEM OR COMPONENT . System comprises transmission or
	additional structure of gearlike nature in driving engagement with corresponding structure on wheelMeans comprises rotatable shaft containing plural	269	RESTRAINING OCCUPANT, AND MEANS WHEREBY THE BELT OR HARNESS CONTROLS, OR IS CONTROLLED BY, THE FUNCTIONING OF A VEHICLE SYSTEM OR COMPONENT .System comprises transmission or element thereof
256	additional structure of gearlike nature in driving engagement with corresponding structure on wheelMeans comprises rotatable shaft containing plural universal joints		RESTRAINING OCCUPANT, AND MEANS WHEREBY THE BELT OR HARNESS CONTROLS, OR IS CONTROLLED BY, THE FUNCTIONING OF A VEHICLE SYSTEM OR COMPONENT .System comprises transmission or element thereof .System comprises ignition
256 257	additional structure of gearlike nature in driving engagement with corresponding structure on wheelMeans comprises rotatable shaft containing plural universal jointsHaving at least one joint located on each side of axis of pivot	269	RESTRAINING OCCUPANT, AND MEANS WHEREBY THE BELT OR HARNESS CONTROLS, OR IS CONTROLLED BY, THE FUNCTIONING OF A VEHICLE SYSTEM OR COMPONENT System comprises transmission or element thereof System comprises ignition circuit or starter circuit or
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256 257	additional structure of gearlike nature in driving engagement with corresponding structure on wheelMeans comprises rotatable shaft containing plural universal jointsHaving at least one joint located on each side of axis of pivotPivotable portion of means includes ball or socket	269	RESTRAINING OCCUPANT, AND MEANS WHEREBY THE BELT OR HARNESS CONTROLS, OR IS CONTROLLED BY, THE FUNCTIONING OF A VEHICLE SYSTEM OR COMPONENT . System comprises transmission or element thereof . System comprises ignition circuit or starter circuit or element of one or other WITH MEANS FOR PROMOTING SAFETY
256 257	additional structure of gearlike nature in driving engagement with corresponding structure on wheelMeans comprises rotatable shaft containing plural universal jointsHaving at least one joint located on each side of axis of pivotPivotable portion of means includes ball or socket element of ball-and socket	269 270	RESTRAINING OCCUPANT, AND MEANS WHEREBY THE BELT OR HARNESS CONTROLS, OR IS CONTROLLED BY, THE FUNCTIONING OF A VEHICLE SYSTEM OR COMPONENT . System comprises transmission or element thereof . System comprises ignition circuit or starter circuit or element of one or other WITH MEANS FOR PROMOTING SAFETY OF VEHICLE, ITS OCCUPANT OR
256 257 258	additional structure of gearlike nature in driving engagement with corresponding structure on wheelMeans comprises rotatable shaft containing plural universal jointsHaving at least one joint located on each side of axis of pivotPivotable portion of means includes ball or socket element of ball-and socket type universal joint	269 270 271	RESTRAINING OCCUPANT, AND MEANS WHEREBY THE BELT OR HARNESS CONTROLS, OR IS CONTROLLED BY, THE FUNCTIONING OF A VEHICLE SYSTEM OR COMPONENT . System comprises transmission or element thereof . System comprises ignition circuit or starter circuit or element of one or other WITH MEANS FOR PROMOTING SAFETY OF VEHICLE, ITS OCCUPANT OR LOAD, OR AN EXTERNAL OBJECT
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256 257 258 259	additional structure of gearlike nature in driving engagement with corresponding structure on wheel Means comprises rotatable shaft containing plural universal joints Having at least one joint located on each side of axis of pivot Pivotable portion of means includes ball or socket element of ball-and socket type universal joint Joint includes intermediate ball, floating in groove, for positively engaging ball with socket Pivotable portion of means includes gear element of intermeshing gear type universal joint Joint includes at least one gear element rotatable on axis of pivot and intermeshing with	269 270 271 272	RESTRAINING OCCUPANT, AND MEANS WHEREBY THE BELT OR HARNESS CONTROLS, OR IS CONTROLLED BY, THE FUNCTIONING OF A VEHICLE SYSTEM OR COMPONENT .System comprises transmission or element thereof .System comprises ignition circuit or starter circuit or element of one or other WITH MEANS FOR PROMOTING SAFETY OF VEHICLE, ITS OCCUPANT OR LOAD, OR AN EXTERNAL OBJECT .Responsive to absence or inattention of operator, or negatively reactive to attempt to operate vehicle by person not qualified mentally or physically to do soUtilizing weight, or lack thereof, of operator on seat or other support to determine presence or absence .Responsive to engagement of
256 257 258 259	additional structure of gearlike nature in driving engagement with corresponding structure on wheel Means comprises rotatable shaft containing plural universal joints Having at least one joint located on each side of axis of pivot Pivotable portion of means includes ball or socket element of ball-and socket type universal joint Joint includes intermediate ball, floating in groove, for positively engaging ball with socket Pivotable portion of means includes gear element of intermeshing gear type universal joint Joint includes at least one gear element rotatable on axis	269 270 271 272	RESTRAINING OCCUPANT, AND MEANS WHEREBY THE BELT OR HARNESS CONTROLS, OR IS CONTROLLED BY, THE FUNCTIONING OF A VEHICLE SYSTEM OR COMPONENT .System comprises transmission or element thereof .System comprises ignition circuit or starter circuit or element of one or other WITH MEANS FOR PROMOTING SAFETY OF VEHICLE, ITS OCCUPANT OR LOAD, OR AN EXTERNAL OBJECT .Responsive to absence or inattention of operator, or negatively reactive to attempt to operate vehicle by person not qualified mentally or physically to do soUtilizing weight, or lack thereof, of operator on seat or other support to determine presence or absence

vehicle brake Brake comprises or includes element moved or deformed into engagement with ground 777 And also interruption of at least one operational system of the vehicle or its motor 778 System comprises clutch 779 And causing interruption of an electrical system of the vehicle steering system 780 And causing interruption of an electrical system of the vehicle steering system 781 Comprising either movable closure member or tastening device therefor responsive to forward or rearward movement, or variations therein, of vehicle 782 And causing of acceleration, deceleration, or tilt of vehicle 783 And causing interruption of ignition circuit 784 And also impeding flow of tuel 785 And causing interruption of ignition of movable closure member or to status of fastening device therefor 287 Reponsive to failure of taxicab operator to activate fare meter upon boarding of passenger 288 Reponsive to failure of taxicab operator to activate fare meter upon boarding of passenger 289 Comprising device, mechanism or operating a fastening device therefor 290 Responsive to weight of carge load transported by vehicle 53.1 MOTOR AS SOURCE OF FOWER FOR OTHER MACHINE 53.2 Other machine is mounted by three point hitch (i.e., Ford- Ferguson hitch) 53.4 Promounted directly on or anal eactively driven with wheel selectively driven with wheel s	275	And causing application of	53.5	.Electric drive to other machine
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278			F2 61	
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279 Seponsive to sensing of ignition of an electrical system of the vehicle or its motor 280 And causing operation of vehicle steering system 281 Comprising either movable closure member or takened support on axis acceleration, deceleration, or till of vehicle 282 Responsive to sensing of acceleration, deceleration, or till of vehicle 283 And causing interruption of ignition circuit 284 And causing interruption of ignition circuit 285 And causing interruption of ignition circuit 286 Comprising either movable of train between motor and wheels 287 Comprising evicle system or component responsive either to position of movable closure member or to status of fastening device therefor 288 Reponsive to failure of taxicab operator to activate fare meter upon boarding of passenger 289 Comprising device, mechanism, or system for either repositioning a movable or removable closure member or operating in a fastening device therefor 290 Responsive to weight of cargo load transported by vehicle 33.1 MOTOR AS SOURCE OF POWER FOR OTHER MACHINE 33.2 Other machine is recept dive on motor vehicle 34.1 POWER ALL Revenue accessory 35.2 Other machine is vehicle accessory 36.2 Other machine is develop on incompancy in scale and body concluding shaft 35.2 Other machine is creeper drive on motor vehicle 35.3 Other machine is freeper drive on motor vehicle 35.4 Other machine is freeper drive on motor vehicle 35.5 Including means enabling repositioning of motor connecting auxiliary frame to body frame 35.2 Other machine is mounted by three point hitch (i.e., Ford Ferguson hitch)	278		33.02	
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53.3 .Other machine is mounted by three point hitch (i.e., Ford- Ferguson hitch) motor and resilient means for connecting auxiliary frame to body frame			200	
three point hitch (i.e., Ford- connecting auxiliary frame to Ferguson hitch) body frame	53.3		∠ 99	
Ferguson hitch) body frame				
53.4 .Hydraulic drive to other machine				
	53.4	.Hydraulic drive to other machine		

300	Including means of nonsupporting nature for minimizing operation-induced movement of motor	305	.Including traction motor of kind driven by noncompressible fluid received under pressure from a pump
65.1 65.21	.ElectricHybrid vehicle (IPC)	306	Vehicle includes another system operated by same fluid
65.22	Specific vehicle architecture (IPC)	307	Having variable displacement type motor or pump
65.225 65.23 65.235	Series and parallel (IPC)Switching type (IPC)Differential gearing type	308	Having separate motor for each driven, surface-engaging member
65.24	(IPC)Electrical distribution type	309	.With means for handling motor exhaust
65.245	(IPC)Series (IPC)	310	.With means to generate steam for a propulsion purpose
65.25	Parallel (IPC)	68.1	.With means to guide and/or control air for power plant
65.26 65.265	Motor assist (IPC)Control of multiple systems	68.2	cooling
65.27	specific to hybrid operationControl of external device in	00.2	With further means to utilize power plant cooling air for other purposes
CE 275	conjunction with specific hybrid function	68.3	.With means to guide and/or control combustion air for
65.275	Control of individual subunit specific to hybrid operation	60.4	power plant
65.28	Control of engine specific to hybrid operation	68.4	.Radiators and condensers, mounting
65.285	Control of motor or generator specific to hybrid operation	68.6	With protector for the radiator or condenser
65.29	Control of battery specific to hybrid operation	68.5 69.2	.Battery mountings and holders .Hoods
65.31	With means on vehicle for generating power for the electric motor	69.21	Pivoted about horizontal axis extending transversely of vehicle (e.g., alligator type
65.51	With motor in or moveable with wheel	69.22	or front end pivot)With noise suppression means
65.6	With gearing between electric motor and drive wheel	69.23	Noise suppression means prevents hood from vribrating
65.7	Gearing is a changeable ratio gearing	69.24	<pre>(i.e., anti rattlers)With access openings having</pre>
65.8	With electronic devices (logic gates, semi-conductors, vacuum		moveable or removeable closures
	tubes, etc.) in control circuit	69.25 69.3	Water deflectors .With means to increase idle
301	.Including traction motor of turbine type driven by fluid product of combustion		speed of internal combustion engine to compensate for accessory load
302	.Including traction motor of kind driven by expansible fluid	69.4 69.5	.With fuel supply for internal combustion engineEngine uses gaseous fuel
303	from source external of motorGas is product of treatment of	69.6 69.1	.Vehicle has plural power plants .Underpans
	a volatile fluid (e.g., gas is steam)	337	TRANSMISSION MECHANISM
304	With means to condense gas discharged from motor	338	.Condition responsive (e.g., responsive to speed, load, etc.)

339	.With temperature control,	383	.With particular drive coupling
0.4.0	lubrication or sealing	384	Relative axial movement
340	.With laterally movable wheel	385	Drive connection to wheel
341	.Wheel drives parallel wheel	76	COMPENSATING DEVICES
342	.Tire directly driven	314	WITH PLURAL FUEL TANKS
343	With particular gear structure	315	MANUALLY ACTUATED CONTROLLING
344	.Assembly feature	0.1.5	DEVICES
345	.Traction aid	316	.By other than hand or foot of
346	.With protective guard or casing	0.4.5	operator
347	.Mechanical movement transmission	317	On mine car vehicle
348	.Final drive axle movable	318	.On delivery-type vehicle
349	Rigid axle	319	.With rein means
350	Belt or chain drive	320	.With vehicle control extension
351	With tensioning means	321	.With plural control stations
352	With lateral support between	322	Side-by-side
	the differential or axle	323	For single control means
	housing and the vehicle frame	324	With tool or equipment control
353	With sprung differential	325	Braking controllable by
354	And differential support		passenger
	feature	326	.With movable control station or
355	And final gear drive		seat position
356	And final gear drive	327	Movable cab
357	Belt or chain drive	328	Tilting
358	Swinging axle, single pivot	329	Simultaneously movable seat and
359	With sprung differential		control
360	And differential support	330	Seat on seat portion movable to
	feature		alternate positon
361	And final gear drive	331	With tool or equipment control
362	And transverse leaf spring	332	.With tiller-type handle
	suspension	333	.Multiple vehicle functions
363	And final gear drive		controllable by single device
364	.Variable speed or direction	334	.With adjustable operator
365	Plural		engageable control
366	Belt or chain	335	.With fuel or air throttle
367	Fluid drive		control
368	Friction drive	336	.With transmission control
369	Planetary	78	.Steering shaft
370	.With brake	400	STEERING GEAR
371	.Final gear drive at each of two	401	.Steering by terrestrial guide
	parallel wheels	402	.No mechanical connection between
372	Planetary		steering shaft and steering
373	Belt or chain		gear
374	.Gear transmission relationship	403	Hydraulic
	to frame or axle	404	.Power assist alarms or disablers
375	Transmission is differential	405	.With alternate emergency power
376	.Shaft relationship to frame or		means (e.g., pump, gearing,
	shaft	406	etc.)
377	.Transmission support		With fluid backup
378	Differential or axle housing	407	With electrical backup
379	Shaft	408	.Each wheel steerable
380	With propeller shaft casing,	409	Occupant steered
2.24	(e.g., torque tube)	410	With condition modulated
381	Vibration damping		steering
382	Flexible support		

411	Independently controlled steerable wheels	447 448	.With mechanical power assistSwinging axle
412	With electric power assist	449	Bogie truck having more than
413	With electric power assist to		one axle
-	all wheels	84	DUST GUARDS
414	With fluid power assist	89.1	BODIES
415	With electrical control	89.11	.With passenger compartment
416	With mechanical power assist	07.11	having article receiving or
417	.With fluid power assist		removing means
418	Between articulated wheeled	89.12	.Tractor and similar vehicle cabs
	vehicle sections	89.13	.Movable cab or operator's
419	Combined with another steering		station
	mode	89.14	Tilting
420 421	Reciprocating power assistWith condition modulated	89.15	Via power or power enhancing means
1 21	steering	89.16	Overmotor cab
422	With electrical control	89.17	
		09.17	.Movable body portion
423	Vehicle speed condition only	00 10	facilitating engine access
424	With swinging axle	89.18	Cab portion
425	Including flexible power	89.19	.Overmotor cab
	transmitting means	89.2	.With means for handling exhaust
426	Steering column supported		of a motor
427	Including rack gear means	90	.Dashboards
428	With rack and pinion gearing	90.6	.Footboards and pedal guards
	intermediate steering shaft	311	FRAME
	and power assist	312	.With structure adapted to
429	Having rotary working member		receive or support a motor,
430	Having flexible working member		change-speed gearing, or other
431	Steering linkage includes		power train element
	interengaging gear means	313	MISCELLANEOUS
432	With plural working members		
433	Working member movement		
	traverses vehicle path		
434	Working member movement	CROSS-	REFERENCE ART COLLECTIONS
	traverses vehicle path		
435	Moves separate rod for each	900	ARGICULTURAL-TYPE TRACTORS
	wheel steering arm	901	DEVICES FOR TRAVERSING VERTICAL
436	Working member part engages	J 0 I	SURFACES
	wheel steering arm	902	SHOCK OR VIBRATION ABSORBING OR
437	Working member part engages	J 0 Z	TRANSMITTING MEANS BETWEEN
	tie rod		WHEEL SUSPENSION AND MOTOR
438	Movable working member engages	903	AIRSTREAM REACTIVE VEHICLE OR
100	wheel steering arm	303	VEHICLE STRUCTURE
439	Movable working member is a	904	TRACTION DOLLIES FOR AIRCRAFT
433	moving cylinder	904	
440	With linkage intermediate		(CROSS REFERENCE ART
440	working member and wheel		COLLECTION CREATED IN
	steering arm	005	COMPANION PROJECT)
111	5	905	AXLES
441	Device to control pressure	906	ADJUSTABLE AXLES
4.40	(e.g., valve)	907	MOTORIZED WHEELCHAIRS
442	Hydraulic circuit	908	MOTOR VEHICLES WITH SHORT
443	.With electric power assist		WHEELBASE
444	Specific mechanical feature		
445	Controlling rear wheels		
446	Condition modulated		

FOREIGN ART COLLECTIONS

FOR 000 CLASS-RELATED FOREIGN DOCUMENTS

Any foreign patents or nonpatent literature from subclasses that have been reclassified have been transferred directly to the FOR Collections listed below. These Collections contain ONLY foreign patents or nonpatent literature. The parenthetical references in the Collection titles refer to the abolished subclasses from which these Collections were derived.

POWER (180/54.1)

.Electric (180/65.1)

FOR 100 ..Combined with nonelectric drive means (180/65.2)

FOR 101 ...Generating means is driven by a prime mover (180/65.4)