В	Sektion	PERFORMING OPERATIONS; TRANSPORTING
B60	Untersektion	TRANSPORTING
B60	Klasse	VEHICLES IN GENERAL
B60K	Unterklasse	ARRANGEMENT OR MOUNTING OF PROPULSION UNITS OR OF TRANSMISSIONS IN VEHICLES; ARRANGEMENT OR MOUNTING OF PLURAL DIVERSE PRIME-MOVERS; AUXILIARY DRIVES; INSTRUMENTATION OR DASHBOARDS FOR VEHICLES; CONJOINT CONTROL OF DRIVE UNITS; ARRANGEMENTS IN CONNECTION WITH COOLING, AIR INTAKE, GAS EXHAUST, OR FUEL SUPPLY, OF PROPULSION UNITS, IN VEHICLES
		Arrangement or mounting of propulsion units in vehicles (of control devices for such units B60K 26/00; elastic mountings per se F16F; propulsion units or their control per se, see the relevant classes) [2]
B60K 1/00	Hauptgruppe	Arrangement or mounting of electrical propulsion units (B60K 7/00 takes precedence; arrangement or mounting of plural diverse prime-movers for mutual or common propulsion B60K 6/00; electric transmission arrangements B60K 17/12; electric equipment or propulsion of electrically-propelled vehicles per se B60L; current-collectors for power supply lines of electrically-propelled vehicles B60L 5/00) [5]
B60K 1/02	1-Punkt Untergruppe	. comprising more than one electric motor
B60K 1/04	1-Punkt Untergruppe	. of the electric storage means for propulsion (for auxiliary purposes only B60R 16/04; supplying batteries to, or removing batteries from, vehicles B60S 5/06) [6]
B60K 3/00	Hauptgruppe	Arrangement or mounting of steam or gaseous- pressure propulsion units (B60K 7/00 takes precedence; arrangement or mounting of plural diverse prime-movers for mutual or common propulsion B60K 6/00; gaseous-pressure transmission arrangements B60K 17/10) [5]
B60K 3/02	1-Punkt Untergruppe	. of piston type
B60K 3/04	1-Punkt Untergruppe	. of turbine type
B60K 5/00	Hauptgruppe	Arrangement or mounting of internal-combustion or jet-propulsion units (B60K 7/00 takes
	aptg.appc	precedence; arrangement or mounting of plural diverse prime-movers for mutual or common propulsion B60K 6/00) [5]
B60K 5/02	1-Punkt Untergruppe	precedence; arrangement or mounting of plural diverse prime-movers for mutual or common
B60K 5/02 B60K 5/04		precedence; arrangement or mounting of plural diverse prime-movers for mutual or common propulsion B60K 6/00) [5]  . with the engine main axis, e.g. crankshaft axis, substantially in, or parallel to, the longitudinal centre line of
·	1-Punkt Untergruppe	precedence; arrangement or mounting of plural diverse prime-movers for mutual or common propulsion B60K 6/00) [5]  . with the engine main axis, e.g. crankshaft axis, substantially in, or parallel to, the longitudinal centre line of the vehicle
B60K 5/04	1-Punkt Untergruppe 1-Punkt Untergruppe	precedence; arrangement or mounting of plural diverse prime-movers for mutual or common propulsion B60K 6/00) [5]  . with the engine main axis, e.g. crankshaft axis, substantially in, or parallel to, the longitudinal centre line of the vehicle  . with the engine main axis, e.g. crankshaft axis, transversely to the longitudinal centre line of the vehicle
B60K 5/04 B60K 5/06	1-Punkt Untergruppe 1-Punkt Untergruppe 2-Punkt Untergruppe	precedence; arrangement or mounting of plural diverse prime-movers for mutual or common propulsion B60K 6/00) [5]  . with the engine main axis, e.g. crankshaft axis, substantially in, or parallel to, the longitudinal centre line of the vehicle  . with the engine main axis, e.g. crankshaft axis, transversely to the longitudinal centre line of the vehicle  with the engine main axis substantially vertical
B60K 5/04 B60K 5/06 B60K 5/08	1-Punkt Untergruppe 1-Punkt Untergruppe 2-Punkt Untergruppe 1-Punkt Untergruppe	precedence; arrangement or mounting of plural diverse prime-movers for mutual or common propulsion B60K 6/00) [5]  . with the engine main axis, e.g. crankshaft axis, substantially in, or parallel to, the longitudinal centre line of the vehicle  . with the engine main axis, e.g. crankshaft axis, transversely to the longitudinal centre line of the vehicle  . with the engine main axis substantially vertical  . comprising more than one engine
B60K 5/04 B60K 5/06 B60K 5/08 B60K 5/10	1-Punkt Untergruppe 1-Punkt Untergruppe 2-Punkt Untergruppe 1-Punkt Untergruppe	precedence; arrangement or mounting of plural diverse prime-movers for mutual or common propulsion B60K 6/00) [5]  . with the engine main axis, e.g. crankshaft axis, substantially in, or parallel to, the longitudinal centre line of the vehicle  . with the engine main axis, e.g. crankshaft axis, transversely to the longitudinal centre line of the vehicle  . with the engine main axis substantially vertical  . comprising more than one engine  . providing for ready detachment of engine
B60K 5/04 B60K 5/06 B60K 5/08 B60K 5/10 B60K 5/12	1-Punkt Untergruppe 1-Punkt Untergruppe 2-Punkt Untergruppe 1-Punkt Untergruppe 1-Punkt Untergruppe	precedence; arrangement or mounting of plural diverse prime-movers for mutual or common propulsion B60K 6/00) [5]  . with the engine main axis, e.g. crankshaft axis, substantially in, or parallel to, the longitudinal centre line of the vehicle  . with the engine main axis, e.g. crankshaft axis, transversely to the longitudinal centre line of the vehicle  . with the engine main axis substantially vertical  . comprising more than one engine  . providing for ready detachment of engine  . Arrangement of engine supports  Arrangement or mounting of plural diverse prime-movers for mutual or common propulsion, e.g.
B60K 5/04 B60K 5/06 B60K 5/08 B60K 5/10 B60K 5/12 B60K 6/00	1-Punkt Untergruppe 1-Punkt Untergruppe 2-Punkt Untergruppe 1-Punkt Untergruppe 1-Punkt Untergruppe 1-Punkt Untergruppe Hauptgruppe	precedence; arrangement or mounting of plural diverse prime-movers for mutual or common propulsion B60K 6/00) [5]  . with the engine main axis, e.g. crankshaft axis, substantially in, or parallel to, the longitudinal centre line of the vehicle  . with the engine main axis, e.g. crankshaft axis, transversely to the longitudinal centre line of the vehicle  . with the engine main axis substantially vertical  . comprising more than one engine  . providing for ready detachment of engine  . Arrangement of engine supports  Arrangement or mounting of plural diverse prime-movers for mutual or common propulsion, e.g. hybrid propulsion systems comprising electrical and internal combustion motors [5]
B60K 5/04 B60K 5/06 B60K 5/08 B60K 5/10 B60K 5/12 B60K 6/00	1-Punkt Untergruppe 1-Punkt Untergruppe 2-Punkt Untergruppe 1-Punkt Untergruppe 1-Punkt Untergruppe Hauptgruppe 1-Punkt Untergruppe	precedence; arrangement or mounting of plural diverse prime-movers for mutual or common propulsion B60K 6/00) [5]  . with the engine main axis, e.g. crankshaft axis, substantially in, or parallel to, the longitudinal centre line of the vehicle  . with the engine main axis, e.g. crankshaft axis, transversely to the longitudinal centre line of the vehicle  with the engine main axis substantially vertical  . comprising more than one engine  . providing for ready detachment of engine  . Arrangement of engine supports  Arrangement or mounting of plural diverse prime-movers for mutual or common propulsion, e.g. hybrid propulsion systems comprising electrical and internal combustion motors [5]  . Prime-movers comprising electrical and internal combustion motors [5]
B60K 5/04 B60K 5/06 B60K 5/08 B60K 5/10 B60K 5/12 B60K 6/00 B60K 6/02 B60K 6/04	1-Punkt Untergruppe 1-Punkt Untergruppe 2-Punkt Untergruppe 1-Punkt Untergruppe 1-Punkt Untergruppe Hauptgruppe 1-Punkt Untergruppe 2-Punkt Untergruppe	precedence; arrangement or mounting of plural diverse prime-movers for mutual or common propulsion B60K 6/00) [5]  . with the engine main axis, e.g. crankshaft axis, substantially in, or parallel to, the longitudinal centre line of the vehicle  . with the engine main axis, e.g. crankshaft axis, transversely to the longitudinal centre line of the vehicle  . with the engine main axis substantially vertical  . comprising more than one engine  . providing for ready detachment of engine  . Arrangement of engine supports  Arrangement or mounting of plural diverse prime-movers for mutual or common propulsion, e.g. hybrid propulsion systems comprising electrical and internal combustion motors [5]  . Prime-movers comprising electrical and internal combustion motors [5]
B60K 5/04 B60K 5/06 B60K 5/08 B60K 5/10 B60K 5/12 B60K 6/00 B60K 6/04 B60K 6/06	1-Punkt Untergruppe 1-Punkt Untergruppe 2-Punkt Untergruppe 1-Punkt Untergruppe 1-Punkt Untergruppe 1-Punkt Untergruppe 4-Punkt Untergruppe 2-Punkt Untergruppe 3-Punkt Untergruppe	precedence; arrangement or mounting of plural diverse prime-movers for mutual or common propulsion B60K 6/00) [5]  . with the engine main axis, e.g. crankshaft axis, substantially in, or parallel to, the longitudinal centre line of the vehicle  . with the engine main axis, e.g. crankshaft axis, transversely to the longitudinal centre line of the vehicle  . with the engine main axis substantially vertical  . comprising more than one engine  . providing for ready detachment of engine  . Arrangement of engine supports  Arrangement or mounting of plural diverse prime-movers for mutual or common propulsion, e.g. hybrid propulsion systems comprising electrical and internal combustion motors [5]  . Prime-movers comprising electrical and internal combustion motors [5]  . having energy storing means [5]  by means of a chargeable mechanical accumulator, e.g. flywheel [5]

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Symbol <b>B60K 7/00</b>	Typ Hauptgruppe	Disposition of motor in, or adjacent to, traction wheel (roller-skate driving mechanisms A63C
	map-g-app-	17/12)
B60K 8/00	Hauptgruppe	Arrangement or mounting of propulsion units not provided for in one of the preceding main groups [5]
		Arrangements in connection with cooling, air intake, gas exhaust, fuel supply, or power supply of propulsion units in vehicles
B60K 11/00	Hauptgruppe	Arrangement in connection with cooling of propulsion units (heating the interior space B60H; cooling internal combustion engines per se F01P)
B60K 11/02	1-Punkt Untergruppe	. with liquid cooling
B60K 11/04	2-Punkt Untergruppe	Arrangement or mounting of radiators, radiator shutters, or radiator blinds
B60K 11/06	1-Punkt Untergruppe	. with air cooling
B60K 11/08	1-Punkt Untergruppe	. Air inlets for cooling; Shutters or blinds therefor
B60K 13/00	Hauptgruppe	Arrangement in connection with combustion air intake or gas exhaust of propulsion units ( forming part of the engine F01N; supplying combustion engines with combustible mixtures or constituents F02M)
B60K 13/02	1-Punkt Untergruppe	. concerning intake
B60K 13/04	1-Punkt Untergruppe	. concerning exhaust (extensions for melting snow or ice on roads or like surfaces E01H 5/00 , E01H 6/00; exhaust silencers for internal-combustion engines per se F01N)
B60K 13/06	1-Punkt Untergruppe	. using structural parts of the vehicle as ducts, e.g. frame parts
B60K 15/00	Hauptgruppe	Arrangement in connection with fuel supply of combustion engines; Mounting or construction of fuel tanks (tanks in general B65D , F17C; supplying combustion engines with combustible mixtures or constituents F02M) [5]
B60K 15/01	1-Punkt Untergruppe	. Arrangement of fuel conduits (chassis frame forming fluid conduit means B62D 21/17) [5]
B60K 15/03	1-Punkt Untergruppe	. Fuel tanks (chassis frame comprising fluid storage compartment B62D 21/16) [5]
B60K 15/035	2-Punkt Untergruppe	characterised by venting means [5]
B60K 15/04	2-Punkt Untergruppe	Tank inlets (B60K 15/077 takes precedence) [5]
B60K 15/05	3-Punkt Untergruppe	Inlet covers [5]
B60K 15/06	2-Punkt Untergruppe	characterised by fuel reserve systems [5]
B60K 15/063	2-Punkt Untergruppe	Arrangement of tanks [5]
B60K 15/067	3-Punkt Untergruppe	Mounting of tanks [5]
B60K 15/07	4-Punkt Untergruppe	of gas tanks [5]
B60K 15/073	2-Punkt Untergruppe	Tank construction specially adapted to the vehicle (B60K 15/077 takes precedence) [5]
B60K 15/077	2-Punkt Untergruppe	with means modifying or controlling distribution or motion of fuel, e.g. to prevent noise, surge, splash or fuel starvation [5]
B60K 15/10	1-Punkt Untergruppe	. concerning gas-producing plants (gas-producing plants per se C10J)
B60K 16/00	Hauptgruppe	Arrangements in connection with power supply from force of nature, e.g. sun, wind (electric propulsion with power supply from force of nature, e.g. sun, wind, B60L 8/00; effecting propulsion by wind motors driving water-engaging propulsive elements B63H 13/00) [5]
		Arrangement or mounting of transmissions or their control in vehicles (torque-transmitting axles B60B; combined transmission and steering gear for steering non-deflectable wheels B62D)
B60K 17/00	Hauptgruppe	Arrangement or mounting of transmissions in vehicles (clutches per se, e.g. construction thereof, F16D; gearing per se, e.g. construction thereof, F16H) [2]

Symbol	Тур	Titel
B60K 17/02	1-Punkt Untergruppe	. characterised by arrangement, location, or kind of clutch
B60K 17/04	1-Punkt Untergruppe	. characterised by arrangement, location, or kind of gearing (electric equipment or propulsion of electrically-propelled vehicles B60L)
B60K 17/06	2-Punkt Untergruppe	of change-speed gearing (B60K 17/10 to B60K 17/16 take precedence) [2]
B60K 17/08	3-Punkt Untergruppe	of mechanical type
B60K 17/10	2-Punkt Untergruppe	of fluid gearing (of fluid clutches B60K 17/02)
B60K 17/12	2-Punkt Untergruppe	of electric gearing (of electrically-actuated clutches B60K 17/02)
B60K 17/14	2-Punkt Untergruppe	the motor of fluid or electric gearing being disposed in, or adjacent to, traction wheel (B60K $7/00$ , B60K $17/356$ take precedence) [4]
B60K 17/16	2-Punkt Untergruppe	of differential gearing
B60K 17/22	1-Punkt Untergruppe	. characterised by arrangement, location, or type of main drive shafting, e.g. cardan shaft
B60K 17/24	2-Punkt Untergruppe	Arrangement of mountings for shafting
B60K 17/26	1-Punkt Untergruppe	. characterised by arrangement, location, or type of freewheel device
B60K 17/28	1-Punkt Untergruppe	. characterised by arrangement, location, or type of power take-off
B60K 17/30	1-Punkt Untergruppe	. the ultimate propulsive elements, e.g. ground wheels, being steerable [4]
B60K 17/32	1-Punkt Untergruppe	. the ultimate propulsive elements, e.g. ground wheels, being rockable about a horizontal pivot
B60K 17/34	1-Punkt Untergruppe	. for driving both front and rear wheels, e.g. four wheel drive vehicles (arrangement or mounting of control devices for changing number of driven wheels B60K 23/08)
B60K 17/342	2-Punkt Untergruppe	having a longitudinal, endless element, e.g. belt or chain, for transmitting drive to wheels [4]
B60K 17/344	2-Punkt Untergruppe	having a transfer gear [4]
B60K 17/346	3-Punkt Untergruppe	the transfer gear being a differential gear [4]
B60K 17/348	2-Punkt Untergruppe	having differential means for driving one set of wheels, e.g. the front, at one speed and the other set, e.g. the rear, at a different speeds (B60K 17/346 takes precedence) [4]
B60K 17/35	3-Punkt Untergruppe	including arrangements for suppressing or influencing the power transfer, e.g. viscous clutches ( differential gearing with locking devices F16H 48/20) [4, 6]
B60K 17/354	2-Punkt Untergruppe	having separate mechanical assemblies for transmitting drive to the front or to the rear wheels or set of wheels [4]
B60K 17/356	2-Punkt Untergruppe	having fluid or electric motor, for driving one or more wheels (disposition of motor in, or adjacent to, traction wheel B60K 7/00) [4]
B60K 17/36	1-Punkt Untergruppe	. for driving tandem wheels
B60K 20/00	Hauptgruppe	Arrangement or mounting of change-speed gearing control devices in vehicles (B60K 41/00 takes precedence; movable cabs having special adaptations of vehicle control devices B62D 33/073; such control devices per se F16H) [2, 5]
B60K 20/02	1-Punkt Untergruppe	. of initiating means (control mechanisms in general G05G) [2]
B60K 20/04	2-Punkt Untergruppe	floor-mounted [2]
B60K 20/06	2-Punkt Untergruppe	mounted on steering column or the like [2]
B60K 20/08	2-Punkt Untergruppe	dashboard-mounted [2]

Symbol	Тур	Titel
B60K 23/00	Hauptgruppe	Arrangement or mounting of control devices for vehicle transmissions, or parts thereof, not otherwise provided for (B60K 41/00 takes precedence; movable cabs having special adaptations of vehicle control devices B62D 33/073; such control devices per se F16D , F16H) [2, 5]
B60K 23/02	1-Punkt Untergruppe	. for main transmission clutches
B60K 23/04	1-Punkt Untergruppe	. for differential gearing
B60K 23/06	1-Punkt Untergruppe	. for freewheel devices
B60K 23/08	1-Punkt Untergruppe	. for changing number of driven wheels
B60K 25/00	Hauptgruppe	Auxiliary drives (B60K 16/00 takes precedence; arrangement of tyre-inflating pumps mounted on vehicles B60C 23/10; driving engine auxiliaries F02B) [5]
B60K 25/02	1-Punkt Untergruppe	. directly from an engine shaft
B60K 25/04	1-Punkt Untergruppe	. from static or dynamic pressure or vacuum, developed by the engine
B60K 25/06	1-Punkt Untergruppe	. from the transmission power take-off (transmissions having power take-off B60K 17/28)
B60K 25/08	1-Punkt Untergruppe	. from a ground wheel, e.g. engaging the wheel tread or rim
B60K 25/10	1-Punkt Untergruppe	. directly from oscillating movements due to vehicle running motion, e.g. suspension movement (resilient suspensions having dampers accumulating utilisable energy, e.g. compressing air, B60G 13/14) [5]
B60K 26/00	Hauptgruppe	Arrangement or mounting of propulsion-unit control devices in vehicles (movable cabs having special adaptations of vehicle control devices B62D 33/073) [2, 5]
B60K 26/02	1-Punkt Untergruppe	. of initiating means or elements [2]
B60K 26/04	1-Punkt Untergruppe	. of means connecting initiating means or elements to propulsion unit [2]
B60K 28/00	Hauptgruppe	Safety devices for propulsion-unit control, specially adapted for, or arranged in, vehicles, e.g. preventing fuel supply or ignition in the event of potentially dangerous conditions (for electrically-propelled vehicles B60L 3/00) [2]
B60K 28/02	1-Punkt Untergruppe	. responsive to conditions relating to the driver [4]
B60K 28/04	2-Punkt Untergruppe	responsive to presence or absence of the driver, e.g. to weight or lack thereof [4]
B60K 28/06	2-Punkt Untergruppe	responsive to incapacity of driver [4]
B60K 28/08	1-Punkt Untergruppe	. responsive to conditions relating to the cargo, e.g. overload [4]
B60K 28/10	1-Punkt Untergruppe	. responsive to conditions relating to the vehicle [4]
B60K 28/12	2-Punkt Untergruppe	responsive to conditions relating to doors or doors locks, e.g. open door [4]
B60K 28/14	2-Punkt Untergruppe	responsive to accident or emergency, e.g. deceleration, tilt of vehicle [4]
B60K 28/16	2-Punkt Untergruppe	responsive to, or preventing, skidding of wheels (arrangements responsive to a speed condition for adjusting wheel braking force B60T 8/32; preventing wheel slippage by reducing power in rail vehicles B61C 15/12) [4]
B60K 31/00	Hauptgruppe	Vehicle fittings for automatically controlling vehicle speed, i.e. preventing speed from exceeding an arbitrarily established velocity or maintaining speed at a particular velocity, as selected by the vehicle operator (B60K 41/00 takes precedence; propulsion-unit control in general, see the relevant classes or subclasses, e.g. F02D; speedometers G01P; systems or devices for controlling speed in general G05D 13/00) [2]
B60K 31/02	1-Punkt Untergruppe	. including electrically actuated servomechanism [4]
B60K 31/04	2-Punkt Untergruppe	and means for comparing one electrical quantity, e.g. voltage, pulse, waveform, flux, or the like, with another quantity of a like kind, which comparison means is involved in the development of an electrical signal which is fed into the controlling means [4]

Symbol	Тур	Titel Titel
B60K 31/06	1-Punkt Untergruppe	. including fluid pressure actuated servomechanism [4]
B60K 31/08	2-Punkt Untergruppe	and one or more electrical components for establishing or regulating input pressure [4]
B60K 31/10	2-Punkt Untergruppe	and means for comparing one electrical quantity, e.g. voltage, pulse, waveform, flux, or the like, with another quantity of a like kind, which comparison means is involved in the development of a pressure which is fed into the controlling means [4]
B60K 31/12	1-Punkt Untergruppe	. including a device responsive to centrifugal force [4]
B60K 31/14	2-Punkt Untergruppe	having an electrical switch which is caused to function by the centrifugal force [4]
B60K 31/16	1-Punkt Untergruppe	. having means to prevent or discourage unauthorised use or adjusting of the controlling means [4]
B60K 31/18	1-Punkt Untergruppe	. including a device to audibly, visibly, or otherwise signal the existence of unusual or unintended speed [4]
		Arrangement or adaptations of instruments specially for vehicles; Dashboards
B60K 35/00	Hauptgruppe	Arrangement or adaptations of instruments (arrangements on dashboard B60K 37/02)
B60K 37/00	Hauptgruppe	Dashboards (as road-vehicle superstructure sub-unit B62D)
B60K 37/02	1-Punkt Untergruppe	. Arrangement of instruments (arrangement of lighting devices for dashboards B60Q 3/04)
B60K 37/04	1-Punkt Untergruppe	. Arrangement of fittings on dashboard (of instruments B60K 37/02)
B60K 37/06	2-Punkt Untergruppe	of controls, e.g. control knobs
B60K 41/00	Hauptgruppe	Conjoint control of drive units; Conjoint control of at least two sub-units thereof (arrangement or mounting of plural diverse prime-movers for mutual or common propulsion B60K 6/00) [2, 5]
B60K 41/02	1-Punkt Untergruppe	. of propulsion unit and clutch [2]
B60K 41/04	1-Punkt Untergruppe	. of propulsion unit and gearing [2]
B60K 41/06	2-Punkt Untergruppe	the gearing being stepped [2]
B60K 41/08	3-Punkt Untergruppe	with interruption of the drive [2]
B60K 41/10	3-Punkt Untergruppe	without interruption of the drive [2]
B60K 41/12	2-Punkt Untergruppe	the gearing being infinitely variable [2]
B60K 41/14	3-Punkt Untergruppe	of mechanical type [2]
B60K 41/16	3-Punkt Untergruppe	of fluid type [2]
B60K 41/18	3-Punkt Untergruppe	of electric type, e.g. electromagnetic [2]
B60K 41/20	1-Punkt Untergruppe	. of propulsion unit and brake system [2]
B60K 41/22	1-Punkt Untergruppe	. of clutch and gearing (control of torque converter lock-up clutches F16H 61/14) [2]
B60K 41/24	1-Punkt Untergruppe	. of clutch and brake system [2]
B60K 41/26	1-Punkt Untergruppe	. of gearing and brake system [2]
B60K 41/28	1-Punkt Untergruppe	. of three or more sub-units [2]