| В | Sektion | SECTION B — 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; ARRANGEMENTS IN CONNECTION WITH COOLING, AIR INTAKE, GAS EXHAUST, OR FUEL SUPPLY, OF PROPULSION UNITS, IN VEHICLES [1, 2006.01] |
| | | Arrangement or mounting of propulsion units in vehicles (of control devices for such units B60K |
| | | 26/00; elastic mountings per seF16F; 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 $\underline{\text{per se}} \text{B60L};$ 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 precedence; arrangement or mounting of plural diverse prime-movers for mutual or common propulsion B60K 6/00) [5] |
| B60K 5/02 | 1-Punkt Untergruppe | . 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 | . with the engine main axis, e.g. crankshaft axis, transversely to the longitudinal centre line of the vehicle |
| B60K 5/06 | 2-Punkt Untergruppe | with the engine main axis substantially vertical |
| B60K 5/08 | 1-Punkt Untergruppe | . comprising more than one engine |
| B60K 5/10 | 1-Punkt Untergruppe | . providing for ready detachment of engine |
| B60K 5/12 | 1-Punkt Untergruppe | . Arrangement of engine supports |
| B60K 6/00 | Hauptgruppe | 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 6/02 | 1-Punkt Untergruppe | . Prime-movers comprising electrical and internal combustion motors [5] |
| B60K 6/04 | 2-Punkt Untergruppe | having energy storing means [5] |
| B60K 6/06 | 3-Punkt Untergruppe | by means of a chargeable mechanical accumulator, e.g. flywheel [5] |
| B60K 6/08 | 1-Punkt Untergruppe | . Prime-movers comprising internal combustion motor and energy storing means [5] |
| B60K 6/10 | 2-Punkt Untergruppe | by means of a chargeable mechanical accumulator, e.g. flywheel [5] |

| Symbol | Тур | Titel |
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| B60K 6/12 | 2-Punkt Untergruppe | by means of a chargeable fluidic accumulator [5] |
| B60K 7/00 | Hauptgruppe | Disposition of motor in, or adjacent to, traction wheel (roller-skate driving mechanisms A63C 17/12) |
| B60K 8/00 | Hauptgruppe | Arrangement or mounting of propulsion units not provided for in one of main groups B60K 1/00-B60K 7/00 [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 $\underline{\text{per se}}$ 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 (extensions for melting snow or ice on roads or like surfaces E01H 5/00, E01H 6/00; 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 (exhaust silencers for internal-combustion engines <u>per se</u> 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 <u>per se</u> 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) |

| Symbol | Тур | Titel |
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| B60K 17/00 | Hauptgruppe | Arrangement or mounting of transmissions in vehicles (clutches <u>per se</u> , e.g. construction thereof, |
| | | F16D; gearing <u>per se</u> , e.g. construction thereof, F16H) [2] |
| 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-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 (movable cabs |
| | | having special adaptations of vehicle control devices B62D 33/073; such control devices <u>per se</u> |
| | | 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] |

| Symbol | Тур | Titel |
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| B60K 20/06 | 2-Punkt Untergruppe | mounted on steering column or the like [2] |
| B60K 20/08 | 2-Punkt Untergruppe | dashboard-mounted [2] |
| B60K 23/00 | Hauptgruppe | Arrangement or mounting of control devices for vehicle transmissions, or parts thereof, not otherwise provided for (movable cabs having special adaptations of vehicle control devices B62D 33/073; such control devices per seF16D, 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; road vehicle drive control systems for purposes not related to the control of a particular sub-unit B60W 30/00) [2, 2006.01] |
| 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, spinning or skidding of wheels (brake control systems for vehicle drive stability B60T 8/1755; arrangements responsive to a speed condition for adjusting wheel braking force B60T 8/32; control of vehicle driving stability otherwise than by controlling the propulsion unit only B60W 30/02; preventing wheel slippage by reducing power in rail vehicles B61C 15/12) [4, 2006.01] |
| B60K 31/00 | Hauptgruppe | Vehicle fittings, acting on a single sub-unit only, 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 (fittings acting on two or more sub-units B60W 30/14; propulsion-unit control in general, see the relevant classes or subclasses, e.g. |
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| Symbol | Тур | Titel |
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| | | F02D; speedometers G01P; systems or devices for controlling speed in general G05D 13/00) [2, 2006.01] |
| 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] |
| 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 | Gelöscht | (transferred to B60W) |
| B60K 41/02 | Gelöscht | (transferred to B60W 10/02; B60W 10/04; B60W 20/00-B60W 50/00) |
| B60K 41/04 | Gelöscht | (transferred to B60W 10/04; B60W 10/10; B60W 20/00-B60W 50/00) |
| B60K 41/06 | Gelöscht | (transferred to B60W 10/04; B60W 10/10; B60W 20/00-B60W 50/00) |
| B60K 41/08 | Gelöscht | (transferred to B60W 10/04; B60W 10/10; B60W 20/00-B60W 50/00) |
| B60K 41/10 | Gelöscht | (transferred to B60W 10/04; B60W 10/10; B60W 20/00-B60W 50/00) |
| B60K 41/12 | Gelöscht | (transferred to B60W 10/04; B60W 10/10; B60W 20/00-B60W 50/00) |
| B60K 41/14 | Gelöscht | (transferred to B60W 10/04; B60W 10/10; B60W 20/00-B60W 50/00) |
| B60K 41/16 | Gelöscht | (transferred to B60W 10/04; B60W 10/10; B60W 20/00-B60W 50/00) |
| B60K 41/18 | Gelöscht | (transferred to B60W 10/04; B60W 10/10; B60W 20/00-B60W 50/00) |
| 20011 12/20 | | |
| | Gelöscht | (transferred to B60W 10/04; B60W 10/18; B60W 20/00-B60W 50/00) |
| B60K 41/20 | | (transferred to B60W 10/04; B60W 10/18; B60W 20/00-B60W 50/00) (transferred to B60W 10/02; B60W 10/10; B60W 20/00-B60W 50/00) |
| B60K 41/20 B60K 41/22 B60K 41/24 | Gelöscht | |
| B60K 41/20 B60K 41/22 | Gelöscht Gelöscht | (transferred to B60W 10/02; B60W 10/10; B60W 20/00-B60W 50/00) |