

CPC COOPERATIVE PATENT CLASSIFICATION

B PERFORMING OPERATIONS; TRANSPORTING

(NOTES omitted)

TRANSPORTING

B62 LAND VEHICLES FOR TRAVELLING OTHERWISE THAN ON RAILS

B62K CYCLES; CYCLE FRAMES; CYCLE STEERING DEVICES; RIDER-OPERATED TERMINAL CONTROLS SPECIALLY ADAPTED FOR CYCLES; CYCLE AXLE SUSPENSIONS; CYCLE SIDE-CARS, FORECARS, OR THE LIKE

NOTE

In this subclass, each of the main groups [B62K 7/00](#) - [B62K 15/00](#) takes precedence over all the preceding main groups, e.g. a child's bicycle is classified in [B62K 9/00](#) and not in [B62K 3/00](#)

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| 1/00 | Unicycles | 5/10 | . with means for inwardly inclining the vehicle body on bends |
| 3/00 | Bicycles | 7/00 | Freight- or passenger-carrying cycles |
| 3/002 | . {without a seat, i.e. the rider operating the vehicle in a standing position, e.g. non-motorized scooters; non-motorized scooters with skis or runners} | 7/02 | . Frames |
| 3/005 | . {Recumbent-type bicycles} | 7/04 | . . having a carrying platform (article-carrying accessories B62J 7/00 - B62J 11/00) |
| 3/02 | . Frames (tandem frames B62K 3/14) | 9/00 | Children's cycles (toy vehicles A63H 17/00) |
| 3/04 | . . having a substantially horizontal top bar | 9/02 | . Tricycles |
| 3/06 | . . of open type | 11/00 | Motorcycles, engine-assisted cycles or motor scooters with one or two wheels (fairings or streamlining parts not forming part of the frame B62J ; transmission of drive from engines to wheels B62M) |
| 3/08 | . . . having crossing members | 11/007 | . {Automatic balancing machines with single main ground engaging wheel or coaxial wheels supporting a rider} |
| 3/10 | . . of single-beam type, i.e. connecting steering head to rear axle | 11/02 | . Frames (motorcycles or cycles with auxiliary engines characterised by position of engine B62M) |
| 3/12 | . Tandems | 11/04 | . . characterised by the engine being between front and rear wheels |
| 2003/125 | . . {Tandems with side-by-side seating} | 11/06 | . . . the frame being of single-beam type |
| 3/14 | . . Frames | 11/08 | the beam being fabricated from sheet metal, e.g. forming fuel tank walls |
| 3/16 | . specially adapted for disabled riders (invalid multi-track cycles A61G 5/00) | 11/10 | . . characterised by the engine being over or beside driven rear wheel |
| 5/00 | Cycles with handlebars, equipped with three or more main road wheels (cycle supports or stands equipped with additional wheels for ride stabilisation B62H 1/12) | 11/12 | . Steering wheel forks characterised by the association therewith of engine |
| 2005/001 | . {Suspension details for cycles with three or more main road wheels} | 11/14 | . Handlebar constructions, or arrangements of controls thereon, specially adapted thereto (hand controls <i>per se</i> B62K 23/02) |
| 2005/002 | . {with adaptations to be used as golf carts} | 13/00 | Cycles convertible to, or transformable into, other types of cycles or land vehicle (cycle supports or stands equipped with additional wheels for ride stabilisation B62H 1/12) |
| 5/003 | . Cycles with four or more wheels, specially adapted for disabled riders, e.g. personal mobility type vehicles with four wheels (wheelchairs A61G 5/00) | 13/02 | . to a tandem |
| 5/007 | . . power-driven | 13/025 | . . {from two or more cycles} |
| 5/01 | . Motorcycles with four or more wheels (specially adapted for disabled riders B62K 5/003) | 13/04 | . to a tricycle |
| 5/02 | . Tricycles (children's tricycles B62K 9/02) | 13/06 | . to a quadricycle, e.g. by coupling together two bicycles side by side |
| 5/023 | . . specially adapted for disabled riders, e.g. personal mobility type vehicles with three wheels (wheelchairs A61G 5/00) | 13/08 | . Frames |
| 5/025 | . . . power-driven | 15/00 | Collapsible or foldable cycles |
| 5/027 | . . Motorcycles with three wheels (specially adapted for disabled riders B62K 5/023) | | |
| 5/05 | . . characterised by a single rear wheel | | |
| 5/06 | . . Frames for tricycles | | |
| 5/08 | . with steering devices acting on two or more wheels | | |

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| 2015/001 | . {Frames adapted to be easily dismantled} | 21/20 | . . resilient |
| 2015/003 | . {having a foldable crank or pedal} | 21/22 | . . adjustable |
| 2015/005 | . {having additional wheels for use when folded or collapsed} | 21/24 | . . readily releasable |
| 15/006 | . {the frame being foldable} | 21/26 | . Handlebar grips (twist grips B62K 23/04) |
| 15/008 | . . {foldable about 2 or more axes} | 23/00 | Rider-operated controls specially adapted for cycles, i.e. means for initiating control operations, e.g. levers, grips (specially adapted to cycle brake mechanisms B62L 3/00) |
| 17/00 | Cycles not otherwise provided for | | |
| 19/00 | Cycle frames (cycle frames specially adapted for one particular kind of cycle specified in groups B62K 1/00 - B62K 17/00, see the relevant group) | 23/02 | . hand actuated (arrangements of controls on handlebars of engine-driven cycles B62K 11/14) |
| 19/02 | . characterised by material or cross-section of frame members | 23/04 | . . Twist grips |
| 19/04 | . . the material being wholly or mainly metallic, e.g. of high elasticity | 23/06 | . . Levers |
| 19/06 | . . . tubular | 23/08 | . foot actuated |
| 19/08 | . . . made from sheet | 25/00 | Axle suspensions (for vehicles in general B60G) |
| 19/10 | . . . Combinations of tube and sheet | 25/005 | . {characterised by the axle being supported at one end only} |
| 19/12 | . . . having cast members | 25/02 | . for mounting axles rigidly on cycle frame or fork, e.g. adjustably |
| 19/14 | . . the material being wholly or mainly wood | 2025/025 | . . {Hinged axle clamps} |
| 19/16 | . . the material being wholly or mainly of plastics | 25/04 | . for mounting axles resiliently on cycle frame or fork (for sidecars, forecars or the like B62K 27/06) |
| 19/18 | . Joints between frame members | 2025/041 | . . {the cycle frame being made of a flexible material} |
| 19/20 | . . welded, soldered, or brazed | 2025/042 | . . {Suspensions with sprung hubs} |
| 19/22 | . . Adhesive joints | 2025/044 | . . {Suspensions with automatic adjustment} |
| 19/24 | . . Screwed joints | 2025/045 | . . {Suspensions with ride-height adjustment} |
| 19/26 | . . Riveted joints | 2025/047 | . . {with suspension locking means} |
| 19/28 | . . Means for strengthening joints | 2025/048 | . . {with suspension manual adjustment details} |
| 19/30 | . Frame parts shaped to receive other cycle parts or accessories (axle suspensions B62K 25/00) | 25/06 | . . with telescopic fork, e.g. including auxiliary rocking arms |
| 19/32 | . . Steering heads (bearings therefor B62K 21/06) | 25/08 | . . . for front wheel |
| 19/34 | . . Bottom brackets | 25/10 | . . . for rear wheel |
| 19/36 | . . for attaching saddle pillars, e.g. adjustable during ride | 25/12 | . . with rocking arm pivoted on each fork leg (in combination with telescopic fork B62K 25/06) |
| 19/38 | . . for attaching brake members | 25/14 | . . . with single arm on each fork leg |
| 19/40 | . . for attaching accessories, e.g. article carriers, lamps | 25/16 | for front wheel |
| 19/42 | . . . for tyre pumps (attachment devices not forming part of frame B62J 11/02) | 25/18 | the arm being pivoted intermediate its ends |
| 19/44 | . Chain-guards forming part of frame (chain-guards per se B62J 13/00) | 25/20 | for rear wheel |
| 19/46 | . Luggage carriers forming part of frame (luggage carriers per se B62J 7/00) | 25/22 | . . . with more than one arm on each fork leg |
| 19/48 | . Fairings forming part of frame | 25/24 | for front wheel |
| 21/00 | Steering devices (steering devices specially adapted for one particular kind of cycle specified in groups B62K 1/00 - B62K 17/00, see the relevant group) | 25/26 | for rear wheel |
| 21/005 | . {Steering pivot axis arranged within the wheel, e.g. for a hub center steering arrangement} | 25/28 | . . with pivoted chain-stay |
| 21/02 | . Front wheel forks or equivalent, e.g. single tine | 25/283 | . . . {for cycles without a pedal crank, e.g. motorcycles} |
| 21/04 | . Fork crowns | 25/286 | . . . {the shock absorber being connected to the chain-stay via a linkage mechanism} |
| 21/06 | . Bearings specially adapted for steering heads (bearings in general F16C) | 25/30 | . . . pivoted on pedal crank shelf (B62K 25/32 takes precedence) |
| 21/08 | . Steering dampers (dampers in general F16F) | 25/32 | . . . the chain-stay forming a chain-guard |
| 21/10 | . Mechanisms for restoring steering device to straight-ahead position | 27/00 | Sidecars; Forecars; {Trailers or the like specially adapted to be attached to cycles} (trailers B60P; B62D; characterised by carrying propulsion engine {B62M 7/14}) |
| 21/12 | . Handlebars; Handlebar stems | 27/003 | . {Trailers} |
| 21/125 | . . {Extensions; Auxiliary handlebars} | 27/006 | . . {having a single wheel} |
| 21/14 | . . having resilient parts therein | 27/02 | . Frames |
| 21/145 | . . . {the handlebar itself being flexible} | 27/04 | . Car bodies; Fairings |
| 21/16 | . . having adjustable parts therein | 27/06 | . Resilient axle suspension |
| 21/18 | . Connections between forks and handlebars or handlebar stems | 27/08 | . Resilient car-body suspension on frame |
| | | 27/10 | . Other component parts or accessories |

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| 27/12 | . . Coupling parts for attaching cars or the like to cycle; Arrangements thereof | 2700/54 | . . . Frames for a plurality of cyclists; Propulsion means therefor |
| 27/14 | . . . Resilient coupling parts | 2700/56 | . . . Frames for cycles propelled by foot contact on the ground, scooters |
| 27/16 | . . Hoods; Weather-guards, e.g. windscreens | 2700/58 | Propulsion means |
| 2201/00 | Springs used in cycle frames or parts thereof | 2700/60 | . . . Frames of a special shape with regard to luggage transportation |
| 2201/02 | . Rubber springs | 2710/00 | Frames or general construction of cycles with side cars or trailers |
| 2201/04 | . Helical springs | NOTES | |
| 2201/06 | . Leaf springs | 1. | This code and all its subdivisions are not used for classification of new documents; |
| 2201/08 | . Fluid springs | 2. | This code and all its subdivisions were used for indexing documents which were classified in the former Dutch IdT main group 63H and sub-groups, and which have been administratively classified in best proximate CPC groups |
| 2202/00 | Motorised scooters | 2710/02 | . Side cars and trailers for cycles |
| 2204/00 | Adaptations for driving cycles by electric motor (for driving electrically assisted bicycles B62M 6/00) | 2710/04 | . . Bodywork, mudguards, luggage carriers, heating or ventilation devices |
| 2206/00 | Quick release mechanisms adapted for cycles | 2710/06 | . . Hoods |
| 2207/00 | Sensors adapted for use on cycles, not otherwise provided for | 2710/08 | . . Resilient bodywork suspension |
| 2207/02 | . for sensing lateral inclination of the cycle | 2710/10 | . . Resilient axle suspension |
| 2207/04 | . for sensing longitudinal inclination of the cycle | 2710/12 | . . Coupling parts |
| 2208/00 | Arrangements of batteries on cycles, when not used for a cycle with auxiliary electric motor as provided for in B62M 6/90; Batteries specially adapted therefor | 2710/14 | . . Steering mechanisms for motorcycles with side cars or for side cars with a driven wheel |
| 2700/00 | Frames for bicycles | 2710/16 | . . Trailers for cycles and their couplings |
| | NOTES | | |
| | 1. | | This code and all of its subdivisions are not used for classification of new documents; |
| | 2. | | This code and all its subdivisions were used for indexing documents which were classified in the former Dutch IdT main group 63B and sub-groups, and which have been administratively classified in best proximate CPC groups |
| 2700/02 | . Frames for cycles characterised by the material used, i.e. where the construction of the frame is unimportant | | |
| 2700/04 | . . Frames for cycles characterised by the shape of the material used | | |
| 2700/10 | . . Frames for cycles characterised by the kind of material used | | |
| 2700/12 | . . . Metallic frames | | |
| 2700/14 | . . . Wooden frames | | |
| 2700/16 | . . . Frames constructed from another material other than wood or metal | | |
| 2700/20 | . Frames for cycles characterised by their shape | | |
| 2700/22 | . . Frames for cycles with two wheels positioned next to one another | | |
| 2700/30 | . . Frames for cycles with two wheels positioned one behind the other; Cycles without a special usage | | |
| 2700/32 | . . . Elastic frames | | |
| 2700/34 | . . . Rigid frames | | |
| 2700/36 | Polygonal frames with four sides, for men | | |
| 2700/38 | Frames with crossing elements connecting between the steering head tube and the seat tube | | |
| 2700/40 | Cross shaped frames | | |
| 2700/50 | . . Frames for cycles with two wheels positioned one behind the other, e.g. cycles with a special usage | | |
| 2700/52 | . . . Frames characterised by the position of the cyclist | | |