

CPC COOPERATIVE PATENT CLASSIFICATION

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](#)

1/00	Unicycles	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)
3/00	Bicycles		
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}	11/007	. {Automatic balancing machines with single main ground engaging wheel or coaxial wheels supporting a rider}
3/005	. {Recumbent-type bicycles}	11/02	. Frames (motor-cycles or cycles with auxiliary engines characterised by position of engine B62M)
3/02	. Frames (tandem frames B62K 3/14)	11/04	. . characterised by the engine being between front and rear wheels
3/04	. . having a substantially horizontal top bar	11/06	. . . the frame being of single-beam type
3/06	. . of open type	11/08 the beam being fabricated from sheet metal, e.g. forming fuel tank walls
3/08	. . . having crossing members	11/10	. . characterised by the engine being over or beside driven rear wheel
3/10	. . of single-beam type, i.e. connecting steering head to rear axle	11/12	. Steering wheel forks characterised by the association therewith of engine
3/12	. Tandems	11/14	. Handle-bar constructions, or arrangements of controls thereon, specially adapted thereto (hand controls <i>per se</i> B62K 23/02)
2003/125	. . {Tandems with side-by-side seating}	13/00	Cycles convertible to, or transformable into, other type of cycle or land vehicle (cycle supports or stands equipped with additional wheels for ride stabilisation B62H 1/12)
3/14	. . Frames	13/02	. to a tandem
3/16	. specially adapted for disabled riders (invalid multi-track cycles A61G 5/00)	13/025	. . {from two or more cycles}
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)	13/04	. to a tricycle
2005/001	. {Suspension details for cycles with three or more main road wheels}	13/06	. to a quadricycle, e.g. by coupling together two bicycles side by side
2005/002	. {with adaptations to be used as golf carts}	13/08	. Frames
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)	15/00	Collapsible or foldable cycles
5/007	. . power-driven	2015/001	. {Frames adapted to be easily dismantled}
5/01	. Motorcycles with four or more wheels (specially adapted for disabled riders B62K 5/003)	2015/003	. {having a foldable crank or pedal}
5/02	. Tricycles (children's tricycles B62K 9/02)	2015/005	. {having additional wheels for use when folded or collapsed}
5/023	. . specially adapted for disabled riders, e.g. personal mobility type vehicles with three wheels (wheelchairs A61G 5/00)	15/006	. {the frame being foldable}
5/025	. . . power-driven	15/008	. . {foldable about 2 or more axes}
5/027	. . Motorcycles with three wheels (specially adapted for disabled riders B62K 5/023)	17/00	Cycles not otherwise provided for
5/05	. . characterised by a single rear wheel	19/00	Cycle frames (cycle frames specially adapted for one particular kin of cycle specified in groups B62K 1/00 - B62K 17/00, see the relevant group)
5/06	. . Frames for tricycles	19/02	. characterised by material or cross-section of frame members
5/08	. with steering devices acting on two or more wheels	19/04	. . the material being wholly or mainly metallic, e.g. of high elasticity
5/10	. with means for inwardly inclining the vehicle body on bends	19/06	. . . tubular
7/00	Freight- or passenger-carrying cycles	19/08	. . . made from sheet
7/02	. Frames	19/10	. . . Combinations of tube and sheet
7/04	. . having a carrying platform (article-carrying accessories B62J 7/00 - B62J 11/00)		
9/00	Children's cycles (toy vehicles A63H 17/00)		
9/02	. Tricycles		

- 19/12 . . . having cast members
- 19/14 . . the material being wholly or mainly wood
- 19/16 . . the material being wholly or mainly of plastics
- 19/18 . Joints between frame members
- 19/20 . . welded, soldered, or brazed
- 19/22 . . Adhesive joints
- 19/24 . . Screwed joints
- 19/26 . . Riveted joints
- 19/28 . . Means for strengthening joints
- 19/30 . Frame parts shaped to receive other cycle parts or accessories ([axle suspensions B62K 25/00](#))
- 19/32 . . Steering heads ([bearings therefor B62K 21/06](#))
- 19/34 . . Bottom brackets
- 19/36 . . for attaching saddle pillars, e.g. adjustable during ride
- 19/38 . . for attaching brake members
- 19/40 . . for attaching accessories, e.g. article carriers, lamps
- 19/42 . . . for tyre pumps ([attachment devices not forming part of frame B62J 11/02](#))
- 19/44 . Chain-guards forming part of frame ([chain-guards per se B62J 13/00](#))
- 19/46 . Luggage carriers forming part of frame ([luggage carriers per se B62J 7/00](#))
- 19/48 . Fairings forming part of frame
- 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](#))
- 21/005 . {[Steering pivot axis arranged within the wheel, e.g. for a hub center steering arrangement](#)}
- 21/02 . Front wheel forks or equivalent, e.g. single tine
- 21/04 . Fork crowns
- 21/06 . Bearings specially adapted for steering heads ([bearings in general F16C](#))
- 21/08 . Steering dampers ([dampers in general F16F](#))
- 21/10 . Mechanisms for restoring steering device to straight-ahead position
- 21/12 . Handle-bars; Handle-bar stems
- 21/125 . . {[Extensions; Auxiliary handlebars](#)}
- 21/14 . . having resilient parts therein
- 21/145 . . . {[the handlebar itself being flexible](#)}
- 21/16 . . having adjustable parts therein
- 21/18 . Connections between forks and handle-bars or handle-bar stems
- 21/20 . . resilient
- 21/22 . . adjustable
- 21/24 . . readily releasable
- 21/26 . Handle-bar grips ([twist grips B62K 23/04](#))
- 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](#))
- 23/02 . hand actuated ([arrangements of controls on handle-bars of engine-driven cycles B62K 11/14](#))
- 23/04 . . Twist grips
- 23/06 . . Levers
- 23/08 . foot actuated
- 25/00 Axle suspensions** ([for vehicles in general B60G](#))
- 25/005 . {[characterised by the axle being supported at one end only](#)}
- 25/02 . for mounting axles rigidly on cycle frame or fork, e.g. adjustably
- 2025/025 . . {[Hinged axle clamps](#)}
- 25/04 . for mounting axles resiliently on cycle frame or fork ([for sidecars, forecars or the like B62K 27/06](#))
- 2025/041 . . {[the cycle frame being made of a flexible material](#)}
- 2025/042 . . {[Suspensions with sprung hubs](#)}
- 2025/044 . . {[Suspensions with automatic adjustment](#)}
- 2025/045 . . {[Suspensions with ride-height adjustment](#)}
- 2025/047 . . {[with suspension locking means](#)}
- 2025/048 . . {[with suspension manual adjustment details](#)}
- 25/06 . . with telescopic fork, e.g. including auxiliary rocking arms
- 25/08 . . . for front wheel
- 25/10 . . . for rear wheel
- 25/12 . . with rocking arm pivoted on each fork leg ([in combination with telescopic fork B62K 25/06](#))
- 25/14 . . . with single arm on each fork leg
- 25/16 for front wheel
- 25/18 the arm being pivoted intermediate its ends
- 25/20 for rear wheel
- 25/22 . . . with more than one arm on each fork leg
- 25/24 for front wheel
- 25/26 for rear wheel
- 25/28 . . with pivoted chain-stay
- 25/283 . . . {[for cycles without a pedal crank, e.g. motorcycles](#)}
- 25/286 . . . {[the shock absorber being connected to the chain-stay via a linkage mechanism](#)}
- 25/30 . . . pivoted on pedal crank shelf ([B62K 25/32 takes precedence](#))
- 25/32 . . . the chain-stay forming a chain-guard
- 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}](#))
- 27/003 . {[Trailers](#)}
- 27/006 . . {[having a single wheel](#)}
- 27/02 . Frames
- 27/04 . Car bodies; Fairings
- 27/06 . Resilient axle suspension
- 27/08 . Resilient car-body suspension on frame
- 27/10 . Other component parts or accessories
- 27/12 . . Coupling parts for attaching cars or the like to cycle; Arrangements thereof
- 27/14 . . . Resilient coupling parts
- 27/16 . . Hoods; Weather-guards, e.g. windscreens
- 2201/00 Springs used in cycle frames or parts thereof**
- 2201/02 . Rubber springs
- 2201/04 . Helical springs
- 2201/06 . Leaf springs
- 2201/08 . Fluid springs
- 2202/00 Motorised scooters**
- 2204/00 Adaptations for driving cycles by electric motor** ([for driving electrically assisted bicycles B62M 6/00](#))
- 2206/00 Quick release mechanisms adapted for cycles**
- 2207/00 Sensors adapted for use on cycles, not otherwise provided for**

- 2207/02 . for sensing lateral inclination of the cycle
- 2207/04 . for sensing longitudinal inclination of the cycle

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

2700/00 Frames for bicycles

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
- 2700/54 . . . Frames for a plurality of cyclists; Propulsion means therefor
- 2700/56 . . . Frames for cycles propelled by foot contact on the ground, scooters
- 2700/58 Propulsion means
- 2700/60 . . . Frames of a special shape with regard to luggage transportation

2710/00 Frames or general construction of cycles with side cars or trailers

NOTES

1. This code and all 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 63H and sub-groups, and which have been administratively classified in best proximate CPC groups

- 2710/02 . Side cars and trailers for cycles

- 2710/04 . . Bodywork, mudguards, luggage carriers, heating or ventilation devices
- 2710/06 . . Hoods
- 2710/08 . . Resilient bodywork suspension
- 2710/10 . . Resilient axle suspension
- 2710/12 . . Coupling parts
- 2710/14 . . Steering mechanisms for motorcycles with side cars or for side cars with a driven wheel
- 2710/16 . . Trailers for cycles and their couplings