

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](#) to [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](#)

B62K 1/00

Unicycles

B62K 3/00

Bicycles

[B62K 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}

[B62K 3/005](#)

- {Recumbent-type bicycles}

[B62K 3/007](#)

- {Automatic balancing machines supporting a rider, e.g. "Segways"}

[B62K 3/02](#)

- Frames ([tandem frames B62K 3/14](#))

[B62K 3/04](#)

- . having a substantially horizontal top bar

[B62K 3/06](#)

- . of open type

[B62K 3/08](#)

- . . having crossing members

[B62K 3/10](#)

- . of single-beam type, i.e. connecting steering head to rear axle

[B62K 3/12](#)

- Tandems

[B62K 2003/125](#)

- . {Tandems with side-by-side seating}

[B62K 3/14](#)

- . Frames

[B62K 3/16](#)

- specially adapted for disabled riders ([invalid multi-track cycles A61G 5/00](#))

B62K 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](#))

WARNING

Groups [B62K 5/003](#) - [B62K 5/10](#) correspond to IPC2013.01

[B62K 2005/001](#)

- {Suspension details for cycles with three or more main road wheels}

[B62K 2005/002](#)

- {with adaptations to be used as golf carts}

[B62K 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](#))

[B62K 5/007](#)

- . power-driven

[B62K 5/01](#)

- Motorcycles with four or more wheels ([specially adapted for disabled riders B62K 5/003](#))

[B62K 5/02](#)

- Tricycles ([children's tricycles B62K 9/02](#))

B62K 17/00**Cycles not otherwise provided for****B62K 19/00**

Cycle frames (cycle frames specially adapted for one particular kind of cycle specified in groups B62K 1/00 to B62K 17/00, see the relevant group)

- B62K 19/02 . characterised by material or cross-section of frame members
- B62K 19/04 . . the material being wholly or mainly metallic, e.g. of high elasticity
- B62K 19/06 . . . tubular
- B62K 19/08 . . . made from sheet
- B62K 19/10 . . . Combinations of tube and sheet
- B62K 19/12 . . . having cast members
- B62K 19/14 . . the material being wholly or mainly wood
- B62K 19/16 . . the material being wholly or mainly of plastics
- B62K 19/18 . Joints between frame members
- B62K 19/20 . . welded, soldered, or brazed
- B62K 19/22 . . Adhesive joints
- B62K 19/24 . . Screwed joints
- B62K 19/26 . . Riveted joints
- B62K 19/28 . . Means for strengthening joints
- B62K 19/30 . Frame parts shaped to receive other cycle parts or accessories (axle suspensions B62K 25/00)
- B62K 19/32 . . Steering heads (bearings therefor B62K 21/06)
- B62K 19/34 . . Bottom brackets
- B62K 19/36 . . for attaching saddle pillars, e.g. adjustable during ride
- B62K 19/38 . . for attaching brake members
- B62K 19/40 . . for attaching accessories, e.g. article carriers, lamps
- B62K 19/42 . . . for tyre pumps (attachment devices not forming part of frame B62J 11/02)
- B62K 19/44 . Chain-guards forming part of frame (chain-guards per se B62J 13/00)
- B62K 19/46 . Luggage carriers forming part of frame (luggage carriers per se B62J 7/00)
- B62K 19/48 . Fairings forming part of frame

B62K 21/00

Steering devices (steering devices specially adapted for one particular kind of cycle specified in groups B62K 1/00 to B62K 17/00, see the relevant group)

- B62K 21/005 . {Steering pivot axis arranged within the wheel e.g. for a hub center steering arrangement}
- B62K 21/02 . Front wheel forks or equivalent, e.g. single tine
- B62K 21/04 . Fork crowns
- B62K 21/06 . Bearings specially adapted for steering heads (bearings in general F16C)
- B62K 21/08 . Steering dampers (dampers in general F16F)
- B62K 21/10 . Mechanisms for restoring steering device to straight-ahead position
- B62K 21/12 . Handle-bars; Handle-bar stems
- B62K 21/125 . . {Extensions; Auxiliary handlebars}

B62K 21/14	. . . having resilient parts therein
B62K 21/145	. . . {the handlebar itself being flexible}
B62K 21/16	. . . having adjustable parts therein
B62K 21/18	. Connections between forks and handle-bars or handle-bar stems
B62K 21/20	. . . resilient
B62K 21/22	. . . adjustable
B62K 21/24	. . . readily releasable
B62K 21/26	. Handle-bar grips (twist grips B62K 23/04)
B62K 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)
B62K 23/02	. hand actuated (arrangements of controls on handle-bars of engine-driven cycles B62K 11/14)
B62K 23/04	. . . Twist grips
B62K 23/06	. . . Levers
B62K 23/08	. foot actuated
B62K 25/00	Axle suspensions (for vehicles in general B60G)
B62K 25/005	. {characterised by the axle being supported at one end only}
B62K 25/02	. for mounting axles rigidly on cycle frame or fork, e.g. adjustably
B62K 25/025	. . . {Hinged axle clamps}
B62K 25/04	. for mounting axles resiliently on cycle frame or fork (for sidecars, forecars or the like B62K 27/06)
B62K 25/041	. . . {the cycle frame being made of a flexible material}
B62K 25/042	. . . {Suspensions with sprung hubs}
B62K 25/044	. . . {Suspensions with automatic adjustment}
B62K 25/045	. . . {Suspensions with ride-height adjustment}
B62K 25/047	. . . {with suspension locking means}
B62K 25/048	. . . {with suspension manual adjustment details}
B62K 25/06	. . . with telescopic fork, e.g. including auxiliary rocking arms
B62K 25/08 for front wheel
B62K 25/10 for rear wheel
B62K 25/12	. . . with rocking arm pivoted on each fork leg (in combination with telescopic fork B62K 25/06)
B62K 25/14 with single arm on each fork leg
B62K 25/16 for front wheel
B62K 25/18 the arm being pivoted intermediate its ends
B62K 25/20 for rear wheel
B62K 25/22 with more than one arm on each fork leg
B62K 25/24 for front wheel
B62K 25/26 for rear wheel

- B62K 25/28 . . with pivoted chain-stay
- B62K 25/283 . . . {for cycles without a pedal crank, e.g. motorcycles}
- B62K 25/286 . . . {the shock absorber being connected to the chain-stay via a linkage mechanism}
- B62K 25/30 . . . pivoted on pedal crank shelf ([B62K 25/32](#) takes precedence)
- B62K 25/32 . . . the chain-stay forming a chain-guard

B62K 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](#)})

- B62K 27/003 . {Trailers}

WARNING

This group and its subgroups are not complete pending a reclassification; see also [B62K 27/00](#) and subgroups

- B62K 27/006 . . {having a single wheel}
- B62K 27/02 . Frames
- B62K 27/04 . Car bodies; Fairings
- B62K 27/06 . Resilient axle suspension
- B62K 27/08 . Resilient car-body suspension on frame
- B62K 27/10 . Other component parts or accessories
- B62K 27/12 . . Coupling parts for attaching cars or the like to cycle; Arrangements thereof
- B62K 27/14 . . . Resilient coupling parts
- B62K 27/16 . . Hoods; Weather-guards, e.g. windscreens

B62K 2201/00 **Springs used in cycle frames or parts thereof**

- B62K 2201/02 . Rubber springs
- B62K 2201/04 . Helical springs
- B62K 2201/06 . Leaf springs
- B62K 2201/08 . Fluid springs

B62K 2202/00 **Motorised scooters**

B62K 2204/00 **Adaptations for driving cycles by electric motor** (for driving electrically assisted bicycles [B62M 6/00](#))

B62K 2206/00 **Quick release mechanisms adapted for cycles**

B62K 2207/00 **Sensors adapted for use on cycles, not otherwise provided for**

- B62K 2207/02 . for sensing lateral inclination of the cycle
- B62K 2207/04 . for sensing longitudinal inclination of the cycle

B62K 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

B62K 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

- B62K 2700/02 . Frames for cycles characterised by the material used, i.e. where the construction of the frame is unimportant
- B62K 2700/04 . . Frames for cycles characterised by the shape of the material used
- B62K 2700/10 . . Frames for cycles characterised by the kind of material used
- B62K 2700/12 . . . Metallic frames
- B62K 2700/14 . . . Wooden frames
- B62K 2700/16 . . . Frames constructed from another material other than wood or metal
- B62K 2700/20 . Frames for cycles characterised by their shape
- B62K 2700/22 . . Frames for cycles with two wheels positioned next to one another
- B62K 2700/30 . . Frames for cycles with two wheels positioned one behind the other; Cycles without a special usage
- B62K 2700/32 . . . Elastic frames
- B62K 2700/34 . . . Rigid frames
- B62K 2700/36 Polygonal frames with four sides, for men
- B62K 2700/38 Frames with crossing elements connecting between the steering head tube and the seat tube
- B62K 2700/40 Cross shaped frames
- B62K 2700/50 . . Frames for cycles with two wheels positioned one behind the other, e.g. cycles with a special usage
- B62K 2700/52 . . . Frames characterised by the position of the cyclist
- B62K 2700/54 . . . Frames for a plurality of cyclists; Propulsion means therefor
- B62K 2700/56 . . . Frames for cycles propelled by foot contact on the ground, scooters
- B62K 2700/58 Propulsion means
- B62K 2700/60 . . . Frames of a special shape with regard to luggage transportation

B62K 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;

B62K 2710/00

(continued)

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

B62K 2710/02

- . Side cars and trailers for cycles

B62K 2710/04

- . . Bodywork, mudguards, luggage carriers, heating or ventilation devices

B62K 2710/06

- . . Hoods

B62K 2710/08

- . . Resilient bodywork suspension

B62K 2710/10

- . . Resilient axle suspension

B62K 2710/12

- . . Coupling parts

B62K 2710/14

- . . Steering mechanisms for motorcycles with side cars or for side cars with a driven wheel

B62K 2710/16

- . . Trailers for cycles and their couplings