

**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 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 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

[5/003](#) )

- B62K 5/02 . Tricycles ( [children's tricycles B62K 9/02](#) )
- B62K 5/023 . . specially adapted for disabled riders, e.g. personal mobility type vehicles with three wheels ( [wheelchairs A61G 5/00](#) )
- B62K 5/025 . . . power-driven
- B62K 5/027 . . Motorcycles with three wheels ( [specially adapted for disabled riders B62K 5/023](#) )
- B62K 5/05 . . characterised by a single rear wheel
- B62K 5/06 . . Frames for tricycles
- B62K 5/08 . with steering devices acting on two or more wheels
- B62K 5/10 . with means for inwardly inclining the vehicle body on bends

**B62K 7/00** **Freight- or passenger-carrying cycles**

- B62K 7/02 . Frames
- B62K 7/04 . . having a carrying platform ( [article-carrying accessories B62J 7/00 to B62J 11/00](#) )

**B62K 9/00** **Children's cycles** ( [toy vehicles A63H 17/00](#) )

- B62K 9/02 . Tricycles

**B62K 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](#) )

- B62K 11/02 . Frames ( [motor-cycles or cycles with auxiliary engines characterised by position of engine B62M](#) )
- B62K 11/04 . . characterised by the engine being between front and rear wheels
- B62K 11/06 . . . the frame being of single-beam type
- B62K 11/08 . . . . the beam being fabricated from sheet metal, e.g. forming fuel tank walls
- B62K 11/10 . . characterised by the engine being over or beside driven rear wheel
- B62K 11/12 . Steering wheel forks characterised by the association therewith of engine
- B62K 11/14 . Handle-bar constructions, or arrangements of controls thereon, specially adapted thereto ( [hand controls per se B62K 23/02](#) )

**B62K 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](#) )

- B62K 13/02 . to a tandem
- B62K 13/025 . . { [from two or more cycles](#) }
- B62K 13/04 . to a tricycle

B62K 13/06 . to a quadricycle, e.g. by coupling together two bicycles side by side

B62K 13/08 . Frames

## **B62K 15/00 Collapsible or foldable cycles**

B62K 15/006 . { the frame being foldable }

B62K 15/008 .. { foldable about 2 or more axes }

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

### **B62K 19/00 Cycle frames ( cycle frames specially adapted for one particular kin 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

<b>B62K 21/00</b>	<b>Steering devices</b> ( steering devices specially adapted for one particular kind of cycle specified in groups <a href="#">B62K 1/00</a> to <a href="#">B62K 17/00</a> , 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 <a href="#">F16C</a> )
B62K 21/08	. Steering dampers ( dampers in general <a href="#">F16F</a> )
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 <a href="#">B62K 23/04</a> )
<b>B62K 23/00</b>	<b>Rider-operated controls specially adapted for cycles, i.e. means for initiating control operations, e.g. levers, grips</b> ( specially adapted to cycle brake mechanisms <a href="#">B62L 3/00</a> )
B62K 23/02	. hand actuated ( arrangements of controls on handle-bars of engine-driven cycles <a href="#">B62K 11/14</a> )
B62K 23/04	.. Twist grips
B62K 23/06	.. Levers
B62K 23/08	. foot actuated
<b>B62K 25/00</b>	<b>Axle suspensions</b> ( for vehicles in general <a href="#">B60G</a> )
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 25/04	. for mounting axles resiliently on cycle frame or fork ( for sidecars, forecars or the like <a href="#">B62K 27/06</a> )

- 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 2003/00** **Bicycles**

- B62K 2003/12 . Tandems

[B62K 2003/125](#) . . Tandems with side-by-side seating

**B62K 2005/00** **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 2015/00** **Collapsible or foldable cycles**

[B62K 2015/001](#) . Frames adapted to be easily dismantled

[B62K 2015/003](#) . having a foldable crank or pedal

[B62K 2015/005](#) . having additional wheels for use when folded or collapsed

**B62K 2025/00** **Axle suspensions ( for vehicles in general [B60G](#) )**

[B62K 2025/02](#) . for mounting axles rigidly on cycle frame or fork, e.g. adjustably

[B62K 2025/025](#) . . Hinged axle clamps

[B62K 2025/04](#) . for mounting axles resiliently on cycle frame or fork ( for sidecars, forecars or the like [B62K 27/06](#) )

[B62K 2025/041](#) . . the cycle frame being made of a flexible material

[B62K 2025/042](#) . . Suspensions with sprung hubs

[B62K 2025/044](#) . . Suspensions with automatic adjustment

[B62K 2025/045](#) . . Suspensions with ride-height adjustment

[B62K 2025/047](#) . . with suspension locking means

[B62K 2025/048](#) . . with suspension manual adjustment details

**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

**NOTE**

- 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**

### **NOTE**

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

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