

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**

Definition statement

This subclass/group covers:

Cycle frames, steering, controls, suspension arrangements vehicles with more than three wheels and cycle side cars, forecars and trailers.

Special rules of classification within this subclass

Multiple classification should be given if appropriate.

Where applicable, additional classification should also be given in the following codes:

[B62K 2201/00](#) Springs used in cycle frames or parts thereof

[B62K 2202/00](#) Motorized scooters (e.g. 'Vespa')

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

B62K 1/00

Unicycles

Definition statement

This subclass/group covers:

Cycles with a single road engaging wheel

Informative references

Attention is drawn to the following places, which may be of interest for search:

Hoop exercising apparatus including wheels in which people can sit	A63B 19/00
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B62K 3/00

Bicycles

Definition statement

This subclass/group covers:

This is the head group where classification is given if none of the sub groups are relevant and as such contains particularly unusual bicycle arrangements

B62K 3/002

[N: 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]

Definition statement

This subclass/group covers:

Push scooter type vehicles (kickboards) equipped with a handlebar for steering, including motor arrangements for these scooters

References relevant to classification in this group

This subclass/group does not cover:

Skate-boards	A63C 17/00
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B62K 3/005

[N: Recumbent-type bicycles]

Definition statement

This subclass/group covers:

Bicycles in which the rider adopts a reclined riding position, either on his front, or on his back.

B62K 3/007

[N: Automatic balancing machines supporting a rider, e.g. "Segways"]

Definition statement

This subclass/group covers:

Personal transport motorised vehicles with wheel(s) supported on a single axis and vehicle balance motor control means

Informative references

Attention is drawn to the following places, which may be of interest for search:

Methods, circuits, or devices for controlling the traction-motor speed of electrically-propelled vehicles	B60L 15/00
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B62K 3/02

Frames

Definition statement

This subclass/group covers:

Bicycle frames as a complete unit e.g. details of the bicycle frame shape.
Constructional details of the frame are in [B62K 19/00](#)

References relevant to classification in this group

This subclass/group does not cover:

Tandem frames	B62K 3/14
Cycles with handlebar having more than two main road wheels	B62K 5/00
Frames for tricycles	B62K 5/06

Informative references

Attention is drawn to the following places, which may be of interest for search:

Constructional details of the frame	B62K 19/00
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B62K 3/12

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Special rules of classification within this group

Additional classification has to be given in the indented codes

B62K 3/16

specially adapted for disabled riders (invalid multi-track cycles A61G5/00)

References relevant to classification in this group

This subclass/group does not cover:

Invalid multi-track vehicles e.g. wheelchairs	A61G 5/00
Cycles with three or more wheels, specially adapted for disabled riders	B62K 5/003 B62K 5/023

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 B62H1/12)

Definition statement

This subclass/group covers:

Sub groups include tricycles

References relevant to classification in this group

This subclass/group does not cover:

Cycle supports or stands equipped with additional wheels for ride stabilisation	B62H 1/12
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Informative references

Attention is drawn to the following places, which may be of interest for search:

Motor vehicles or trailers, characterised by the arrangement or number of wheels, not otherwise provided for, e.g. four wheels in diamond pattern (sub-groups include tricycles)	B62D 61/00
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Special rules of classification within this group

Additional classification has to be given in the indented codes

B62K 5/003

Cycles with four or more wheels, specially adapted for disabled riders, e.g. personal mobility type vehicles with four wheels (wheelchairs A61G5/00)

References relevant to classification in this group

This subclass/group does not cover:

Invalid multi-track vehicles e.g. wheelchairs	A61G 5/00
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B62K 5/01

Motorcycles with four or more wheels (specially adapted for disabled riders B62K5/003)

References relevant to classification in this group

This subclass/group does not cover:

Specially adapted for disabled riders	B62K 5/003
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B62K 5/02

Tricycles

References relevant to classification in this group

This subclass/group does not cover:

Children's tricycles	B62K 9/02
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B62K 5/023

specially adapted for disabled riders, e.g. personal mobility type vehicles with three wheels (wheelchairs A61G5/00)

References relevant to classification in this group

This subclass/group does not cover:

Wheelchairs	A61G 5/00
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B62K 5/027

Motorcycles with three wheels (specially adapted for disabled riders B62K5/023)

References relevant to classification in this group

This subclass/group does not cover:

Specially adapted for disabled riders	B62K 5/023
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B62K 5/06

Frames for tricycles

Informative references

Attention is drawn to the following places, which may be of interest for search:

Cycle frames e.g. adaptations or constructional details of the frame	B62K 19/00
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B62K 5/08

with steering devices acting on two or more wheels

Definition statement

This subclass/group covers:

Only for documents in which the steering arrangement is specifically described. Includes power steering arrangements acting on two or more wheels for cycles with handlebars with more than two main road wheels.

Informative references

Attention is drawn to the following places, which may be of interest for search:

Power steering for vehicles	B62D 5/00
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B62K 5/10

with means for inwardly inclining the vehicle body on bends

Informative references

Attention is drawn to the following places, which may be of interest for search:

Vehicle steering systems in general, combined with means for inwardly inclining vehicle body on bends	B62D 9/02
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B62K 7/00

Freight- or passenger-carrying cycles

Definition statement

This subclass/group covers:

Cycles frames especially adapted to carry bulky packages/freight items or adapted for carrying one or more passengers in addition to the rider

B62K 7/04

**having a carrying platform (article-carrying accessories
B62J7/00 to B62J11/00)**

Informative references

Attention is drawn to the following places, which may be of interest for search:

Article-carrying accessories	B62J 7/00 - B62J 11/00
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B62K 9/00

Children`s cycles (toy vehicles A63H17/00)

Definition statement

This subclass/group covers:

Childrens bicycles, tricycles and pedal cars and similar childrens vehicles which may be motorised and which comprise special adaptations for their use by children

References relevant to classification in this group

This subclass/group does not cover:

Toy vehicles	A63H 17/00
Apparatus for helping babies to walk; Baby walkers or strollers	A47D 13/04

Informative references

Attention is drawn to the following places, which may be of interest for search:

Vehicle understructures, specially adapted for sports vehicles, e.g. go-karts	B62D 21/183
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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)

Definition statement

This subclass/group covers:

Frames (chassis) or frame adaptations of single track two wheeled vehicles (ie with a front wheel and a rear wheel) equipped with an engine or motor, not intended to be propelled using human power

References relevant to classification in this group

This subclass/group does not cover:

Rider propulsion of wheeled vehicles with additional source of power, e.g. combustion engine or electric motor	B62M 6/00
Transmissions for motorcycles characterised by position of motor or engine	B62M 7/00
Cycles with handlebars with more than two main road wheels	B62K 5/00

Informative references

Attention is drawn to the following places, which may be of interest for search:

Characterised by the use of two or more dissimilar sources of power, e.g. transmissions for hybrid motorcycles	B62M 23/02
Luggage carriers forming part of frame e.g. under seat storage areas	B62K 19/46
Arrangement of engine supports in general	B60K 5/12
Fairings or streamlining parts, not forming part of frame	B62J 17/00

B62K 11/14

Handle-bar constructions, or arrangements of controls thereon, specially adapted thereto (hand controls per se B62K23/02)

Informative references

Attention is drawn to the following places, which may be of interest for search:

Hand controls per se	B62K 23/02
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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 B62H1/12)

Definition statement

This subclass/group covers:

Cycles or accessories for cycles which facilitate the adaptation/conversion or transformation of a cycle into a different type of cycle or land vehicle

Informative references

Attention is drawn to the following places, which may be of interest for search:

Cycle supports or stands equipped with additional wheels for ride stabilisation	B62H 1/12
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B62K 13/08

Frames

Informative references

Attention is drawn to the following places, which may be of interest for search:

Cycle frames e.g. adaptations or constructional details of the frame	B62K 19/00
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B62K 15/00

Collapsible or foldable cycles

Special rules of classification within this group

Additional classification has to be given in the indented codes

B62K 17/00

Cycles not otherwise provided for

Definition statement

This subclass/group covers:

Unusual cycles or cycles with unusual characterizing features or appearance which do not readily fall into the other groups

B62K 19/00

Cycle frames (cycle frames specially adapted for one particular kind of cycle specified in groups B62K1/00 to B62K17/00, see the relevant group)

Definition statement

This subclass/group covers:

Details of frame construction e.g. adaptations or constructional details of the frame.

References relevant to classification in this group

This subclass/group does not cover:

Unicycles	B62K 1/00
Bicycles	B62K 3/00
Frames e.g. details of bicycle frame shape	B62K 3/02
Tandem frames	B62K 3/14
Frames for cycles with handlebar equipped with three or more main road wheels	B62K 5/00
Frames for tricycles	B62K 5/06
Freight- or passenger-carrying cycles	B62K 7/00
Children's cycles	B62K 9/00
Motorcycles, engine-assisted cycles or motor scooters with one or two wheels	B62K 11/00
Cycles convertible to, or transformable into, other type of cycle or land vehicle	B62K 13/00
Collapsible or foldable cycles	B62K 15/00
Cycles not otherwise provided for	B62K 17/00

B62K 19/30

Frame parts shaped to receive other cycle parts or accessories (axle suspensions B62K25/00)

Informative references

Attention is drawn to the following places, which may be of interest for search:

Axle suspensions	B62K 25/00
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B62K 19/32

Steering heads (bearings therefor B62K21/06)

Informative references

Attention is drawn to the following places, which may be of interest for search:

Bearings specially adapted for steering heads	B62K 21/06
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B62K 19/34

Bottom brackets

Informative references

Attention is drawn to the following places, which may be of interest for search:

Combination of crank axles and bearings housed in the bottom bracket	B62M 3/003
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B62K 19/42

for tyre pumps (attachment devices not forming part of frame B62J11/02)

Informative references

Attention is drawn to the following places, which may be of interest for search:

Attachment devices for pumps not forming part of frame	B62J 11/02
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B62K 19/44

Chain-guards forming part of frame (chain-guards per se

B62J13/00)

Informative references

Attention is drawn to the following places, which may be of interest for search:

Chain-guards per se	B62J 13/00
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B62K 19/46

Luggage carriers forming part of frame (luggage carriers per se B62J7/00)

Definition statement

This subclass/group covers:

Includes storage areas on motorcycles, e.g. under seat

B62K 19/48

Fairings forming part of frame

Informative references

Attention is drawn to the following places, which may be of interest for search:

Weather guards for riders; Fairings or stream-lining parts not otherwise provided for	B62J 17/00
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B62K 21/00

Steering devices (steering devices specially adapted for one particular kind of cycle specified in groups B62K1/00 to B62K17/00, see the relevant group)

Definition statement

This subclass/group covers:

Specific arrangements for steering a single steered wheel

References relevant to classification in this group

This subclass/group does not cover:

Steering devices specially adapted for	B62K 1/00 to B62K 17/00 , see the
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one particular kind of cycle	relevant group
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B62K 21/04

Fork crowns

Definition statement

This subclass/group covers:

Includes motorcycle "triple trees".

B62K 21/06

Bearings specially adapted for steering heads (bearings in general F16C)

Informative references

Attention is drawn to the following places, which may be of interest for search:

Bearings in general	F16C
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B62K 21/08

Steering dampers (dampers in general F16F)

Informative references

Attention is drawn to the following places, which may be of interest for search:

Dampers in general	F16F
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B62K 21/20

resilient

Definition statement

This subclass/group covers:

Includes springs in the steering head

B62K 21/26

Handle-bar grips (twist grips B62K23/04)

References relevant to classification in this group

This subclass/group does not cover:

Twist grips	B62K 23/04
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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 B62L3/00)

Definition statement

This subclass/group covers:

Human operated cycle control devices for e.g. brake or gear change or throttle (gas) or clutch mechanisms

References relevant to classification in this group

This subclass/group does not cover:

Brake actuating mechanisms	B62L 3/00
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Special rules of classification within this group

Where the control relates to a gear activation mechanism, this should additionally be classified in the relevant group under [B62M 25/00](#).

B62K 23/02

hand actuated (arrangements of controls on handle-bars of engine-driven cycles B62K11/14)

Informative references

Attention is drawn to the following places, which may be of interest for search:

Controlling members for hand actuation by pivoting movement, e.g. levers	G05G 1/04
Arrangements of controls on handle-bars of engine-driven cycles	B62K 11/14

B62K 23/08

foot actuated

Informative references

Attention is drawn to the following places, which may be of interest for search:

Motorcycle type sequential gear change mechanisms	F16H 63/16
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B62K 25/00

Axle suspensions (for vehicles in general B60G)

Definition statement

This subclass/group covers:

The connection between the wheel axle or its equivalent and the cycle frame

Informative references

Attention is drawn to the following places, which may be of interest for search:

Axle suspensions for vehicles in general	B60G
Hubs for bicycles	B60B 27/023

B62K 25/02

for mounting axles rigidly on cycle frame or fork, e.g. adjustably

Definition statement

This subclass/group covers:

includes all quickly detachable axles i.e. drop-outs

Special rules of classification within this group

Additional classification has to be given in the indented codes

B62K 25/04

for mounting axles resiliently on cycle frame or fork (for sidecars, forecars or the like B62K27/06)

Definition statement

This subclass/group covers:

Includes sprung hubs and sprung frames (flexible frames).

References relevant to classification in this group

This subclass/group does not cover:

Resilient axle suspension, for sidecars, forecars or the like	B62K 27/06
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Informative references

Attention is drawn to the following places, which may be of interest for search:

Shock absorber internal details	F16F
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Special rules of classification within this group

Additional classification has to be given in the indented codes

B62K 25/06

with telescopic fork, e.g. including auxiliary rocking arms

Definition statement

This subclass/group covers:

This group does not include telescopic shock absorbers unless they incorporate the fork legs also

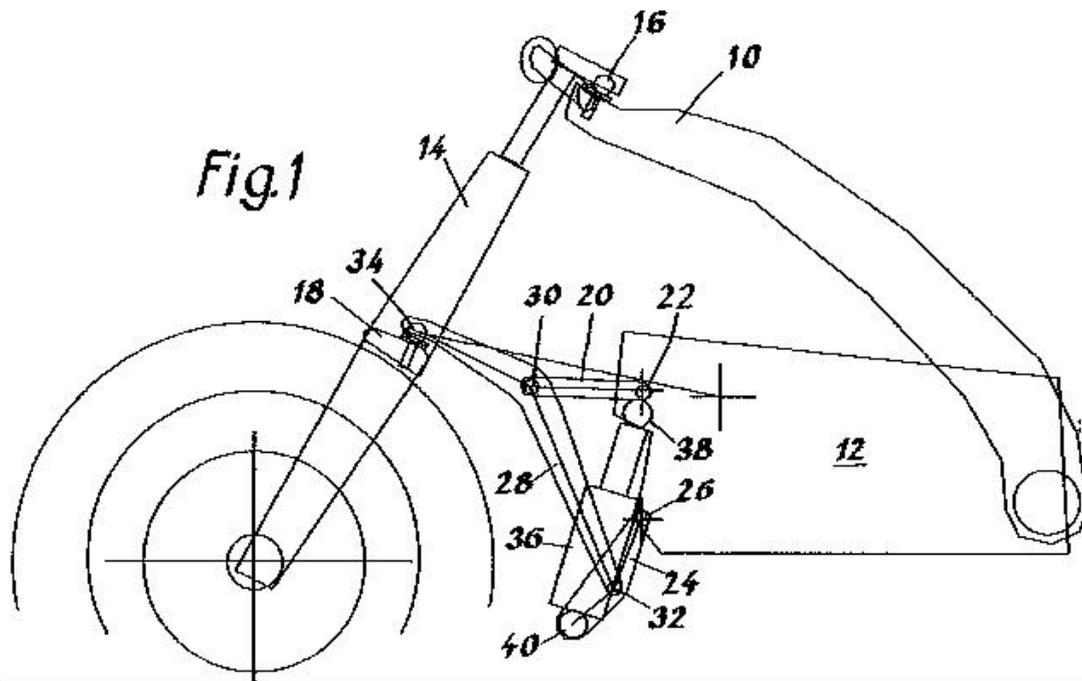
B62K 25/16

for front wheel

Definition statement

This subclass/group covers:

A lever arm connecting the front wheel axle to the frame, see the example figure



B62K 25/22

with more than one arm on each fork leg

Definition statement

This subclass/group covers:

Wheel suspension comprising more than one lever arm connecting the wheel axle to the frame i.e. with extra linkages

B62K 25/32

the chain-stay forming a chain-guard

Informative references

Attention is drawn to the following places, which may be of interest for search:

Guards for the chain or belt	B62J 13/00
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B62K 27/00

Sidecars; Forecars; [N: Trailers or the like specially adapted

to be attached to cycles] (trailers B60P; B62D; characterised by carrying propulsion engine [N: B62M7/14])

Definition statement

This subclass/group covers:

Additional wheeled units that can be attached to the side of the cycle (sidecars) or the rear of the cycle (trailers) or the front of the cycle (forecars)

Trailers for carrying other vehicles	B60P
Trailers in general	B62D 63/06
Characterised by trailer carrying propulsion engine	B62M 7/14
Hand carts	B62B

Special rules of classification within this group

All trailers for bicycles are classified in both places [B62K 27/003](#) and [B62D 63/00](#)

B62K 27/02

Frames

Informative references

Attention is drawn to the following places, which may be of interest for search:

Cycle frames e.g. adaptations or constructional details of the frame	B62K 19/00
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