

## 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 place covers:*

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

### Special rules of classification

Multiple classification should be given if appropriate.

Where applicable, additional classification should also be given using the following Indexing Codes:

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

[B62K 2202/00](#) Motorized scooters;

[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 place covers:*

Cycles with a single road engaging wheel.

#### References

##### 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	<a href="#">A63B 19/00</a>
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## B62K 3/00

### Bicycles

#### Definition statement

*This place 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**

{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 place covers:*

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

**References****Limiting references**

*This place does not cover:*

Skate-boards	<a href="#">A63C 17/00</a>
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**B62K 3/005**

{Recumbent-type bicycles}

**Definition statement**

*This place covers:*

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

**B62K 3/02**

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

**Definition statement**

*This place 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****Limiting references**

*This place does not cover:*

Tandem frames	<a href="#">B62K 3/14</a>
Cycles with handlebar having more than two main road wheels	<a href="#">B62K 5/00</a>
Frames for tricycles	<a href="#">B62K 5/06</a>

**Informative references**

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

Constructional details of the frame	<a href="#">B62K 19/00</a>
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## B62K 3/12

### Tandems

#### Special rules of classification

Additional classification has to be given in the indented codes

## B62K 3/16

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

#### References

##### Limiting references

*This place does not cover:*

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

## 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](#))

#### Definition statement

*This place covers:*

Sub groups include tricycles

#### References

##### Limiting references

*This place does not cover:*

Cycle supports or stands equipped with additional wheels for ride stabilisation	<a href="#">B62H 1/12</a>
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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)	<a href="#">B62D 61/00</a>
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#### Special rules of classification

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 [A61G 5/00](#))

**References****Limiting references**

*This place does not cover:*

Invalid multi-track vehicles e.g. wheelchairs	<a href="#">A61G 5/00</a>
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**B62K 5/01**

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

**References****Limiting references**

*This place does not cover:*

Specially adapted for disabled riders	<a href="#">B62K 5/003</a>
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**B62K 5/02**

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

**References****Limiting references**

*This place does not cover:*

Children's tricycles	<a href="#">B62K 9/02</a>
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**B62K 5/023**

specially adapted for disabled riders, e.g. personal mobility type vehicles with three wheels (wheelchairs [A61G 5/00](#))

**References****Limiting references**

*This place does not cover:*

Wheelchairs	<a href="#">A61G 5/00</a>
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**B62K 5/027**

**Motorcycles with three wheels (specially adapted for disabled riders  
[B62K 5/023](#))**

**References****Limiting references**

*This place does not cover:*

Specially adapted for disabled riders	<a href="#">B62K 5/023</a>
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**B62K 5/06**

**Frames for tricycles**

**References****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	<a href="#">B62K 19/00</a>
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**B62K 5/08**

**with steering devices acting on two or more wheels**

**Definition statement**

*This place 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.

**References****Informative references**

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

Power steering for vehicles	<a href="#">B62D 5/00</a>
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**B62K 5/10**

**with means for inwardly inclining the vehicle body on bends**

**References****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	<a href="#">B62D 9/02</a>
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**B62K 7/00****Freight- or passenger-carrying cycles****Definition statement**

*This place covers:*

Cycles 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 [B62J 7/00](#) - [B62J 11/00](#))

**References****Informative references**

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

Article-carrying accessories	<a href="#">B62J 7/00</a> - <a href="#">B62J 11/00</a>
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**B62K 9/00**

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

**Definition statement**

*This place 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****Limiting references**

*This place does not cover:*

Apparatus for helping babies to walk; Baby walkers or strollers	<a href="#">A47D 13/04</a>
Toy vehicles	<a href="#">A63H 17/00</a>

**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	<a href="#">B62D 21/183</a>
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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 place covers:*

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

### References

#### Limiting references

*This place does not cover:*

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

#### Informative references

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

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

### Special rules of classification

In [B62K 11/00](#) cycle should be interpreted like a moped, with more emphasis on the motorcycle, rather than a bicycle with motor/engine assist which should be in [B62M 6/00](#). All unicycles should be in [B62K 1/00](#). Any specific frame modification specifically for mounting an engine or motor which are relevant to non-pedalled cycles (with less than 3 wheels) should be classified here.

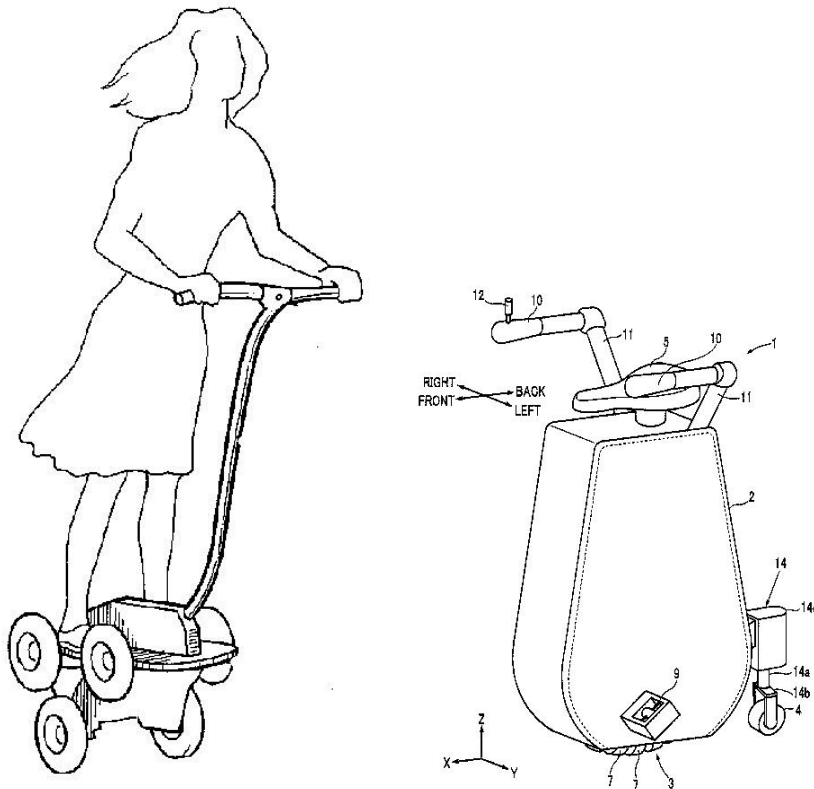
## B62K 11/007

**{Automatic balancing machines with single main ground engaging wheel or coaxial wheels supporting a rider}**

### Definition statement

*This place covers:*

- Vehicles which use electrically driven wheel or wheels to remain upright while also propelling the rider in a desired direction.
- Control of the electric drive for balancing



### Special rules of classification

Balancing machines having a single main ground engaging wheel should be further classified in [B62K 1/00](#) for unicycles.

If there is an additional support wheel (see ref. 4 in the second figure) the device will still be considered a unicycle.

### B62K 11/14

**Handlebar constructions, or arrangements of controls thereon, specially adapted thereto (hand controls per se [B62K 23/02](#))**

### References

#### Informative references

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

Hand controls per se	<a href="#">B62K 23/02</a>
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## B62K 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](#))**

### Definition statement

*This place 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.

### References

#### Limiting references

*This place does not cover:*

Cycle supports or stands equipped with additional wheels for ride stabilisation	<a href="#">B62H 1/12</a>
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### Special rules of classification

Examples of accessories to be classified here may be a pair of rear wheels, not training wheels, mounted to a common bicycle to convert it to a tricycle or skis attachable to the wheels of the conventional cycle to adapt it for snow.

## B62K 13/08

### Frames

### References

#### 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	<a href="#">B62K 19/00</a>
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## B62K 15/00

### Collapsible or foldable cycles

### Special rules of classification

Additional classification has to be given in the indented codes

## B62K 17/00

### Cycles not otherwise provided for

### Definition statement

*This place 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 [B62K 1/00](#) - [B62K 17/00](#), see the relevant group)

### Definition statement

*This place covers:*

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

### References

#### Limiting references

*This place does not cover:*

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

## B62K 19/30

Frame parts shaped to receive other cycle parts or accessories (axle suspensions [B62K 25/00](#))

### References

#### Informative references

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

Axle suspensions	<a href="#">B62K 25/00</a>
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**B62K 19/32****Steering heads (bearings therefor [B62K 21/06](#))****References*****Informative references****Attention is drawn to the following places, which may be of interest for search:*

Bearings specially adapted for steering heads	<a href="#">B62K 21/06</a>
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**B62K 19/34****Bottom brackets****References*****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	<a href="#">B62M 3/003</a>
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**B62K 19/42****for tyre pumps (attachment devices not forming part of frame [B62J 11/02](#))****References*****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	<a href="#">B62J 11/02</a>
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**B62K 19/44****Chain-guards forming part of frame (chain-guards per se [B62J 13/00](#))****References*****Informative references****Attention is drawn to the following places, which may be of interest for search:*

Chain-guards per se	<a href="#">B62J 13/00</a>
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**B62K 19/46****Luggage carriers forming part of frame (luggage carriers per se [B62J 7/00](#))****Definition statement***This place covers:*

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

**B62K 19/48****Fairings forming part of frame****References****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	<a href="#">B62J 17/00</a>
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**B62K 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)****Definition statement**

*This place covers:*

Specific arrangements for steering a wheel of a two-wheeled cycle.

**References****Limiting references**

*This place does not cover:*

Steering devices specially adapted for one particular kind of cycle	<a href="#">B62K 1/00</a> - <a href="#">B62K 17/00</a> , see the relevant group
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**B62K 21/04****Fork crowns****Definition statement**

*This place covers:*

Includes motorcycle "triple trees".

**B62K 21/06****Bearings specially adapted for steering heads (bearings in general [F16C](#))****References****Informative references**

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

Bearings in general	<a href="#">F16C</a>
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## B62K 21/08

Steering dampers (dampers in general [F16F](#))

### References

#### *Informative references*

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

Dampers in general	<a href="#">F16F</a>
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## B62K 21/20

resilient

### Definition statement

*This place covers:*

Includes springs in the steering head

## B62K 21/26

Handlebar grips (twist grips [B62K 23/04](#))

### References

#### *Limiting references*

*This place does not cover:*

Twist grips	<a href="#">B62K 23/04</a>
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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 [B62L 3/00](#))

### Definition statement

*This place covers:*

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

### References

#### *Limiting references*

*This place does not cover:*

Brake actuating mechanisms	<a href="#">B62L 3/00</a>
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### Special rules of classification

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 [B62K 11/14](#))

**References****Informative references**

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

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

**B62K 23/08**

foot actuated

**References****Informative references**

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

Motorcycle type sequential gear change mechanisms	<a href="#">F16H 63/16</a>
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**B62K 25/00**

Axle suspensions (for vehicles in general [B60G](#))

**Definition statement**

*This place covers:*

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

**References****Informative references**

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

Hubs for bicycles	<a href="#">B60B 27/023</a>
Axle suspensions for vehicles in general	<a href="#">B60G</a>

**B62K 25/02**

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

**Definition statement**

*This place covers:*

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

**Special rules of classification**

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 [B62K 27/06](#))

**Definition statement**

*This place covers:*

Includes sprung hubs and sprung frames (flexible frames).

**References****Limiting references**

*This place does not cover:*

Resilient axle suspension, for sidecars, forecars or the like	<a href="#">B62K 27/06</a>
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**Informative references**

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

Shock absorber internal details	<a href="#">F16F</a>
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**Special rules of classification**

Additional classification has to be given in the indented codes

**B62K 25/06**

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

**Definition statement**

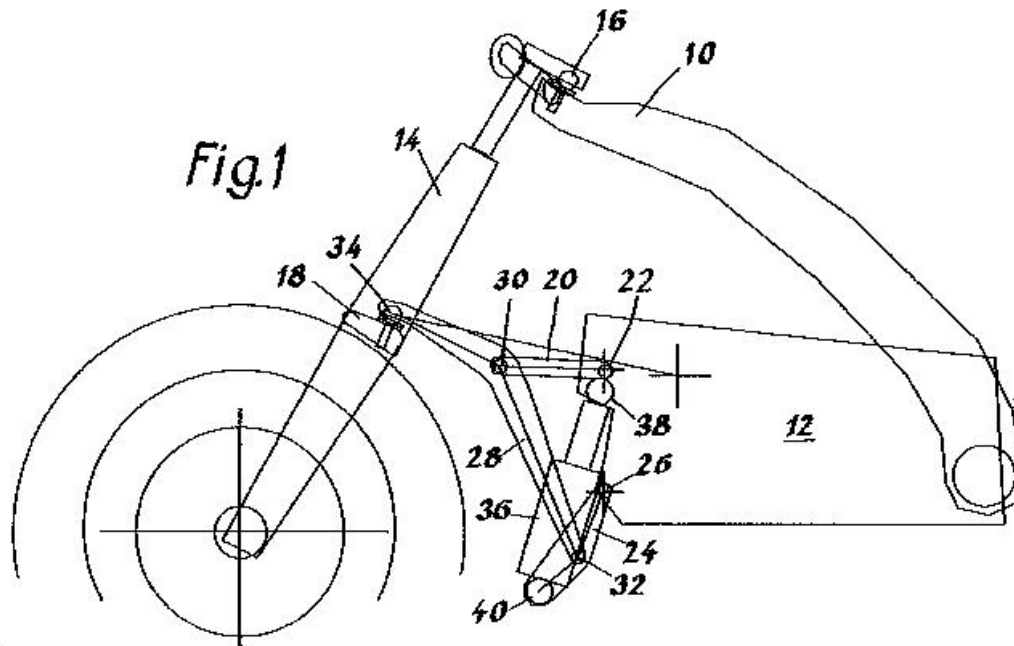
*This place covers:*

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

**B62K 25/16****for front wheel****Definition statement**

*This place covers:*

A lever arm connecting the front wheel axle to the frame, see the example figure with arm (28) pivoted on fork leg (14).

**B62K 25/22****with more than one arm on each fork leg****Definition statement**

*This place covers:*

Wheel suspension comprising more than one lever arm connecting the wheel axle to the frame i.e. with extra linkages, the details being applicable equally to both the front and rear wheel.

**B62K 25/24****for front wheel****Definition statement**

*This place covers:*

Wheel suspension comprising more than one lever arm connecting the wheel axle to the frame i.e. with extra linkages, the details being specifically applicable to just the front wheel.



## B62K 25/26

for rear wheel

### Definition statement

*This place covers:*

Wheel suspension comprising more than one lever arm connecting the wheel axle to the frame i.e. with extra linkages, the details being specifically applicable to just the rear wheel.

## B62K 25/32

the chain-stay forming a chain-guard

### References

#### Informative references

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

Guards for the chain or belt	<a href="#">B62J 13/00</a>
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## 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](#)})

### Definition statement

*This place 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	<a href="#">B60P</a>
Trailers in general	<a href="#">B62D 63/06</a>
Characterised by trailer carrying propulsion engine	<a href="#">B62M 7/14</a>
Hand carts	<a href="#">B62B</a>

### Special rules of classification

All trailers for bicycles are classified in group [B62K 27/003](#) and circulated to [B62D 63/06](#) for trailers in general.

Wheeled units are not always trailers or cars. The wheeled unit, i.e. the platform or frame with a wheel on it, is attached to the side, front or rear. So-called trailers are attached to the rear and are classified in subgroup [B62K 27/003](#) and should also be considered for trailers in general ([B62D](#)).

## **B62K 27/02**

### **Frames**

### **References**

#### ***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	<a href="#">B62K 19/00</a>
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