

## SECTION B — PERFORMING OPERATIONS; TRANSPORTING

### B62 LAND VEHICLES FOR TRAVELLING OTHERWISE THAN ON RAILS

#### B62K CYCLES; CYCLE FRAMES; CYCLE STEERING DEVICES; RIDER-OPERATED TERMINAL CONTROLS SPECIALLY ADAPTED FOR CYCLES; CYCLE AXLE SUSPENSIONS; CYCLE SIDECARS, FORECARS, OR THE LIKE

##### Subclass index

##### KINDS OF CYCLES

Characterised by construction:

- number of wheels: unicycle; bicycle; with more than two wheels.....1/00, 3/00, 5/00
- with motor.....11/00
- sidecar, forecar.....27/00
- convertible; foldable.....13/00, 15/00

Characterised by purpose: for transport; for children.....7/00, 9/00

Other kinds.....17/00

##### PARTS OF CYCLES

Frame; axle suspension.....19/00, 25/00

Steering; terminal controls.....21/00, 23/00

<b>Note(s)</b>		<b>11/00</b>	<b>Motorcycles; Engine-assisted cycles; Motor-scooters</b> (fairings or streamlining parts, not forming part of frame B62J; transmission of drive from engine to wheels B62M)
Groups B62K 7/00-B62K 15/00 take precedence over groups B62K 1/00-B62K 5/00, e.g. a child's bicycle is classified in group B62K 9/00 and <u>not</u> in group B62K 3/00.		11/02	• Frames (motorcycles or cycles with auxiliary engines characterised by position of engine B62M)
<b>1/00</b>	<b>Unicycles</b>	11/04	• • characterised by the engine being between front and rear wheels
<b>3/00</b>	<b>Bicycles</b>	11/06	• • • the frame being of single-beam type
3/02	• Frames (tandem frames B62K 3/14)	11/08	• • • • the beam being fabricated from sheet metal, e.g. forming fuel tank walls
3/04	• • having a substantially-horizontal top bar	11/10	• • characterised by the engine being over or beside driven rear wheel
3/06	• • of open type	11/12	• Steering wheel forks characterised by the association therewith of engine
3/08	• • • having crossing members	11/14	• Handle-bar constructions, or arrangements of controls thereon, specially adapted thereto (hand controls <u>per se</u> B62K 23/02)
3/10	• • of single-beam type, i.e. connecting steering head to rear axle		
3/12	• Tandems		
3/14	• • Frames		
3/16	• specially adapted for disabled riders		
<b>5/00</b>	<b>Cycles with more than two main road wheels</b> (specially adapted for disabled persons A61G 5/00; cycle supports or stands equipped with additional wheels for ride stabilisation B62H 1/12)	<b>13/00</b>	<b>Cycles convertible to, or transformable into, other types of cycles or land vehicles</b> (convertible vehicles in general B60F 5/00; cycle supports or stands equipped with additional wheels for ride stabilisation B62H 1/12)
5/02	• Tricycles	13/02	• to a tandem
5/04	• • with two coaxial wheels	13/04	• to a tricycle
5/06	• • • Frames	13/06	• to a quadricycle, e.g. by coupling together two bicycles side by side
5/08	• Steering devices acting on more than one wheel	13/08	• Frames
<b>7/00</b>	<b>Freight- or passenger-carrying cycles</b>	<b>15/00</b>	<b>Collapsible or foldable cycles</b>
7/02	• Frames	<b>17/00</b>	<b>Cycles not otherwise provided for</b>
7/04	• • having a carrying platform (article-carrying accessories B62J 7/00-B62J 11/00)		
<b>9/00</b>	<b>Children's cycles</b> (toy vehicles A63H 17/00)	<b>19/00</b>	<b>Cycle frames</b> (cycle frames specially adapted for one particular kind of cycle specified in groups B62K 1/00-B62K 17/00, <u>see</u> the relevant group)
9/02	• Tricycles		

## B62K

- 19/02 • characterised by material or cross-section of frame members
- 19/04 • • the material being wholly or mainly metallic, e.g. of high elasticity
- 19/06 • • • tubular
- 19/08 • • • made from sheet
- 19/10 • • • Combinations of tube and sheet
- 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)
- 21/02 • 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
- 21/14 • • having resilient parts therein
- 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)
- 25/02 • for mounting axles rigidly on cycle frame or fork, e.g. adjustably
- 25/04 • for mounting axles resiliently on cycle frame or fork (for sidecars, forecars, or the like B62K 27/06)
- 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
- 25/30 • • • pivoted on pedal crank shelf (B62K 25/32 takes precedence)
- 25/32 • • • the chain-stay forming a chain-guard
- 27/00 Sidecars; Forecars or the like** (trailers B60P, B62D; characterised by carrying propulsion engine B62M)
- 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