

## A 63 H TOYS, e.g. TOPS, DOLLS, HOOPS, BUILDING BLOCKS

**Subclass Index**

## MECHANICALLY OR GRAVITY DRIVEN

TOY FIGURES ..... 11/00, 13/00, 15/00

## TOY VEHICLES

Model railways, toy trains ..... 19/00, 21/00

Other toy vehicles; tracks therefor;

toy engines ..... 17/00, 23/00, 27/00;  
18/00; 25/00

## DRIVING MECHANISM; CONTROLLING;

GEARING ..... 29/00; 30/00; 31/00

## MISCELLANEOUS TOYS

Tops; dolls, toy animals ..... 1/00; 3/00

Other toys ..... 5/00, 7/00, 33/00

Manufacture of dolls or toy figures ..... 9/00

JOKES, CONFETTI ..... 37/00

**1/00 Tops** (flying tops 27/127)

- 1/02 . with detachable winding devices
- 1/04 . . with string or band winding devices
- 1/06 . with integral winding devices
- 1/08 . with arrangements for winding-up by blowing
- 1/10 . able to be spun by whirling the axis with both hands
- 1/12 . Whip tops; Top whips
- 1/16 . Hopping, dancing, or curve-drawing tops
- 1/18 . Double tops; Multiple tops mounted in or on one another
- 1/20 . with figure-like features; with movable objects, especially figures
- 1/22 . Colour tops
- 1/24 . with illuminating arrangements
- 1/26 . emitting blasts or explosions
- 1/28 . Musical tops
- 1/30 . Climbing tops, e.g. Yo-Yo
- 1/32 . Whirling or spinning discs driven by twisted cords

**Dolls; Figures; Musical toys****3/00 Dolls****Note**

In this group, the following term is used with the meaning indicated:

- “doll” includes a toy animal.

- 3/02 . made of fabrics or stuffed
- 3/04 . with deformable framework
- 3/06 . Air-filled or inflatable toy figures (connection of valves to inflatable elastic bodies B 60 C 29/00)
- 3/08 . of flat paper to be cut-out, folded, or clothed
- 3/10 . Flat toy figures provided with limbs, with or without arrangements for making them stand up (3/08 takes precedence) [4]
- 3/12 . Double-faced dolls
- 3/14 . into which the fingers of the hand can be inserted, e.g. hand-puppets
- 3/16 . made of parts that can be put together
- 3/18 . Jumping jacks
- 3/20 . with parts moved due to movements of other parts, e.g. limbs
- 3/24 . Drinking dolls; Dolls producing tears; Wetting dolls
- 3/26 . Floating dolls
- 3/28 . Arrangements of sound-producing means in dolls; Means in dolls for producing sounds
- 3/31 . . Bellows, cylinders or the like for sound production

- 3/33 . . Other sound-producing means specially adapted for dolls
- 3/36 . Details; Accessories
- 3/38 . . Dolls' eyes
- 3/40 . . . movable
- 3/42 . . . Manufacture of eyes (artificial eyes for human beings A 61 F 2/14)
- 3/44 . . Dolls' hair or wigs; Eyelashes; Eyebrows (wigs, eyelashes, eyebrows for humans A 41 G)
- 3/46 . . Connections for limbs
- 3/48 . . Mounting of parts within dolls, e.g. automatic eyes
- 3/50 . . Frames, stands, or wheels for dolls or toy animals
- 3/52 . . Dolls' houses, furniture, or other equipment; Dolls' clothing (dolls' footwear A 43 B 3/28)
- 5/00 Musical or noise-producing devices for additional toy effects other than acoustical** (musical tops 1/28; hand-thrown impact-exploded noise makers F 42 B 4/16; music, sound or noise production in general G 10)
- 5/04 . Pistols or machine guns operated without detonators; Crackers (firecrackers F 42 B 4/04)
- 7/00 Toy figures led or propelled by the user**
- 7/02 . by pushing or drawing
- 7/04 . . moving together with a toy vehicle
- 7/06 . . with feet formed by rotary members

**9/00 Special methods or compositions for the manufacture of dolls, toy animals, toy figures, or parts thereof****Mechanically or gravity driven toy figures****11/00 Self-movable toy figures**

- 11/02 . moved by vibrations produced by rotating eccentric weights
- 11/04 . Climbing figures moving up-and-down
- 11/06 . Jumping toys
- 11/08 . Toys performing somersaults
- 11/10 . Figure toys with single- or multiple-axle undercarriages, by which the figures perform a realistic running motion when the toy is moving over the floor
- 11/12 . . Wheeled toys with figures performing a wriggling motion when moving
- 11/14 . Mechanically-moved walking figures balanced by gyrostatic effects
- 11/18 . Figure toys which perform a realistic walking motion [4]
- 11/20 . . with pairs of legs, e.g. horses [4]

- 13/00 Toy figures with self-moving parts, with or without movement of the toy as a whole**
- 13/02 . . . imitating natural actions, e.g. catching a mouse by a cat, the kicking of an animal
  - 13/03 . . . Egg-laying toy animals [4]
  - 13/04 . . . Mechanical figures imitating the movement of players or workers
  - 13/06 . . . . . imitating boxing or fighting
  - 13/08 . . . . . able to perform military exercises
  - 13/10 . . . . . shooting arrows or other missiles
  - 13/12 . . . . . Gymnastic or acrobatic toy figures
  - 13/14 . . . . . Rope-jumping toy figures
  - 13/15 . . . . . imitating drawing or writing (changeable or secret pictures B 44 F 1/10) [4]
  - 13/16 . . . Boxes from which figures jump
  - 13/18 . . . Toy swinging chairs; Rocking-figure toys
  - 13/20 . . . Toy roundabouts with moving figures; Toy models of fairs or the like, with moving figures
- 15/00 Other gravity-operated toy figures**
- 15/02 . . . Figures staggering down an inclined path by means of the gravity effect
  - 15/04 . . . Toy figures swinging about a point above the centre of gravity
  - 15/06 . . . Self-righting toys
  - 15/08 . . . Tumbling toy figures operated by balls enclosed therein

#### **Toy vehicles; Toy engines**

- 17/00 Toy vehicles, e.g. with self-drive; Accessories therefor** (traffic games with figures moved by players A 63 F 9/14)
- 17/02 . . . convertible into other forms under the action of impact or shock, e.g. arrangements for imitating accidents
  - 17/045 . . . shaped as armoured cars, tanks or the like [4]
  - 17/05 . . . Trucks; Lorries
  - 17/06 . . . . . with tipping bodies
  - 17/08 . . . . . carrying a mechanically-raised ladder
  - 17/10 . . . . . carrying a tank for transporting liquids
  - 17/12 . . . . . with cranes, winches or the like
  - 17/14 . . . . . Endless-track automobiles or trucks
  - 17/16 . . . . . in the form of a bicycle, with or without riders thereon
  - 17/18 . . . . . Tricycles, e.g. with moving figures
  - 17/21 . . . . . shaped as motorcycles with or without figures [4]
  - 17/22 . . . . . Scooters with driver figure propelled by their wheels or by movement of the figure
  - 17/24 . . . . . shaped as sledges, sleighs, or bobsleighs with or without figures
  - 17/25 . . . . . Other wheeled vehicles with moving figures
  - 17/26 . . . . . Details; Accessories (drive mechanisms 29/00)
  - 17/267 . . . . . Mounting wheels on the chassis [4]
  - 17/273 . . . . . Opening or closing mechanisms for doors or the like [4]
  - 17/28 . . . . . Electric lighting systems
  - 17/30 . . . . . Direction-indicators
  - 17/32 . . . . . Acoustical or optical signalling devices
  - 17/34 . . . . . Arrangements for imitating the noise of motors
  - 17/36 . . . . . Steering-mechanisms for toy vehicles
  - 17/38 . . . . . . . . . actuated by hand
  - 17/385 . . . . . . . . . remotely controlled (remote-control arrangements specially adapted for toys 30/00) [4]

- 17/39 . . . . . radio controlled [4]
  - 17/395 . . . . . steered by programme [4]
  - 17/40 . . . . . Toy vehicles automatically steering or reversing by collision with an obstacle
  - 17/41 . . . . . Toy vehicles prevented from falling off the supporting surface by automatic steering or reversing [4]
  - 17/42 . . . . . Automatic stopping or braking arrangements
  - 17/44 . . . . . Toy garages for receiving toy vehicles; Filling stations
- 18/00 Highways or trackways for toys** (railway permanent way 19/30; for special railways 21/00); **Propulsion by special interaction between vehicle and track**
- 18/02 . . . Construction or arrangement of the trackway
  - 18/04 . . . . . Up-and-down-hill trackways (18/06 takes precedence)
  - 18/06 . . . . . designed to cause movement of a vehicle by alteration of the inclination of part of the trackway
  - 18/08 . . . . . with mechanical means for guiding or steering
  - 18/10 . . . . . with magnetic means for steering
  - 18/12 . . . . . Electric current supply to toy vehicles through the track
  - 18/14 . . . . . Drives arranged in the track, e.g. endless conveying means, magnets, driving-discs
  - 18/16 . . . . . Control of vehicle drives by interaction between vehicle and track; Control of track elements by vehicles
- 19/00 Model railways** (propulsion by special interaction between vehicle and track 18/00)
- 19/02 . . . Locomotives; Motor coaches
  - 19/04 . . . . . spring-driven
  - 19/06 . . . . . Steam-driven locomotives; Engines therefor
  - 19/08 . . . . . . . Boilers for locomotives
  - 19/10 . . . . . electrically driven
  - 19/12 . . . . . . . with electric reversing gear
  - 19/14 . . . . . Arrangements for imitating locomotive features, e.g. whistling, signalling, puffing
  - 19/15 . . . . . Special types of cars
  - 19/16 . . . . . Parts for model railway vehicles
  - 19/18 . . . . . Car coupling or uncoupling mechanisms
  - 19/20 . . . . . Illuminating arrangements
  - 19/22 . . . . . Wheels; Wheel axles; Bogies
  - 19/24 . . . . . Electric toy railways; Systems therefor
  - 19/26 . . . . . Toy vehicles with overhead trolley-wire; Trolley-buses
  - 19/28 . . . . . Mechanical toy railway systems
  - 19/30 . . . . . Permanent way; Rails; Rail-joint connections
  - 19/32 . . . . . . . Switches or points; Operating means therefor
  - 19/34 . . . . . Bridges; Stations; Signalling systems
  - 19/36 . . . . . Model railway structures, e.g. kinds of arrangement of several units in containers, or on plates, or in combination with scenics for toy purposes (models or scenery for general purposes G 09 B)
- 21/00 Other toy railways**
- 21/02 . . . with cable- or rail-suspended vehicles
  - 21/04 . . . Mono-railways, e.g. with vehicles embracing the rail in the form of a saddle (21/02 takes precedence)
- 23/00 Toy boats; Floating toys; Other aquatic toy devices [2]**
- 23/02 . . . Boats; Sailing boats
  - 23/04 . . . . . Self-propelled boats, ships or submarines
  - 23/06 . . . . . . . jet-propelled
  - 23/08 . . . . . Cartesian or other divers

- 23/10 . Other water toys, floating toys, or like buoyant toys
- 23/12 . . Waterborne toy projectiles; Knock-apart toys; Exploding ship toys
- 23/14 . . Special drives
- 23/16 . . Aquatic toy installations; Harbour arrangements
- 25/00 Toy steam, gas, or compressed-air engines** (for locomotives 19/06)
- 25/02 . Distributing-gear
- 27/00 Toy aircraft; Other flying toys** (toys with parachutes 33/20)
- 27/01 . Toy aircraft with flexible or folded wings [4]
- 27/04 . Captive toy aircraft
- 27/08 . Kites
- 27/10 . Balloons (connection of valves to inflatable elastic bodies B 60 C 29/00)
- 27/127 . Flying toys capable of landing or taking-off vertically; Flying tops (flying discs A 63 B 65/10) [4]
- 27/133 . . Helicopters; Gyroplanes (27/04 takes precedence) [4]
- 27/14 . Starting or launching devices for toy aircraft; Arrangements on toy aircraft for starting or launching
- 27/16 . Flying toys made of folded paper [4]
- 27/18 . Constructional features of fuselages, wings or the like, e.g. for model aircraft [4]
- 27/20 . Transmission systems for actuating flying control surfaces, lift-increasing flaps or the like [4]
- 27/22 . Self-propelled toy aircraft, e.g. with extensible rubber bands (27/04, 27/127 take precedence) [4]
- 27/24 . . combustion engine or electric motor propelled (ultra-small engines *per se*, e.g. for driving models, F 02 B 75/34; electric motors *per se* H 02 K) [4]
- 27/26 . . . Jet-propelled flying toys, e.g. aeroplanes (27/04, 27/127 take precedence) [4]
- 27/28 . Toy ornithopters [4]
- 27/30 . Features common to propellers for model aircraft, e.g. constructional features (for helicopters 27/133) [4]
- 27/32 . Alighting gear for toy aircraft, e.g. wheeled type, floats [4]
- 30/00 Remote-control arrangements specially adapted for toys, e.g. for toy vehicles** (steering mechanisms for toy vehicles 17/36; for model railways 19/24, 19/28) [4]
- 30/02 . Electrical arrangements (transformers H 01 F; converters H 02 M)
- 30/04 . . using wireless transmission
- 30/06 . Hydraulic or pneumatic arrangements
- 31/00 Gearing for toys** (gearing in general F 16 H)
- 31/02 . Screw-spindle mechanisms
- 31/04 . Friction mechanisms
- 31/06 . Belt or string gear
- 31/08 . Gear-control mechanisms; Gears for imparting a reciprocating motion
- 31/10 . Gearing mechanisms actuated by movable wires enclosed in flexible tubes
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- 33/00 Other toys**
- 33/02 . Toy hoops; Sticks for propelling
- 33/04 . Building blocks, strips, or similar building parts
- 33/06 . . to be assembled without the use of additional elements
- 33/08 . . . provided with complementary holes, grooves, or protuberances, e.g. dovetails
- 33/10 . . to be assembled by means of additional non-adhesive elements
- 33/12 . . . Perforated strips or the like assembled by rods, bolts, or the like
- 33/14 . . specially adapted to be assembled by adhesive or cement
- 33/16 . Models made by folding paper
- 33/18 . Throwing or slinging toys (as part of a game A 63 F 9/02; sling weapons F 41 B 3/00; spring toy guns F 41 B 7/08)
- 33/20 . Toys with parachutes; Toy parachutes (parachutes for aeronautics B 64 D)
- 33/22 . Optical, colour, or shadow toys (kaleidoscopes G 02 B 27/08)
- 33/26 . Magnetic or electric toys (electric drives 29/22)
- 33/28 . Soap-bubble toys; Smoke toys (blowing smoke rings A 24 F 13/30)
- 33/30 . Imitations of miscellaneous apparatus not otherwise provided for, e.g. telephones, weighing-machines, cash-registers (savings boxes A 45 C 1/12; toy ticket punches G 07 B 9/02) [3]
- 33/32 . Moulds, shapes, spades, or the like, for playing with sand
- 33/36 . Sparking toys
- 33/38 . Picture books with additional toy effects, e.g. pop-up or slide displays (picture books B 42 D 1/00) [4]
- 33/40 . Windmills; Other toys actuated by air currents (driving mechanisms for toy figures or vehicles 29/16)
- 33/42 . Toy models or toy scenery not otherwise provided for (models or scenery for general purposes G 09 B)
- 37/00 Jokes; Confetti, streamers, or other dance favours** [4]

### Driving or controlling toys, e.g. toy vehicles

#### **29/00 Drive mechanisms for toys in general**

- 29/02 . Clockwork mechanisms
- 29/04 . . Helical-spring driving mechanisms
- 29/06 . . Other elements therefor
- 29/08 . Driving mechanisms actuated by balls or weights
- 29/10 . Driving mechanisms actuated by flowing media
- 29/12 . . by a sand stream
- 29/14 . . by a water stream
- 29/16 . . by steam or compressed air
- 29/18 . Driving mechanisms with extensible rubber bands
- 29/20 . Flywheel driving mechanisms
- 29/22 . Electric drives (power supply through track 18/12)
- 29/24 . Details or accessories for drive mechanisms, e.g. means for winding-up or starting toy engines