

A63 SPORTS; GAMES; AMUSEMENTS**A63H TOYS, E.G. TOPS, DOLLS, HOOPS, BUILDING BLOCKS**

MECHANICALLY OR GRAVITY DRIVEN		OTHER TOYS.....	5/00, 7/00, 33/00
TOY FIGURES	11/00, 13/00, 15/00	MANUFACTURE OF DOLLS OR TOY FIGURES.....	9/00
TOY VEHICLES		DRIVING MECHANISM; CONTROLLING; GEARING	29/00; 30/00; 31/00
Model railways, toy trains	19/00, 21/00	JOKES, CONFETTI.....	37/00
Other toy vehicles; tracks therefor; toy engines	17/00, 23/00, 27/00; 18/00; 25/00		
TOPS; DOLLS, TOY ANIMALS.....	1/00; 3/00		

- 1/00 Tops** (flying tops A63H 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**

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 B60C 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 (A63H 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 A61F 2/14)
- 3/44 . . Dolls' hair or wigs; Eyelashes; Eyebrows (wigs, eyelashes, eyebrows for humans A41G)
- 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 A43B 3/28)

5/00 Musical or noise-producing devices for additional toy effects other than acoustical (musical tops A63H 1/28; hand-thrown impact-exploded noise makers F42B 4/16; music, sound or noise production in general G10)

- 5/04 . Pistols or machine guns operated without detonators; Crackers (firecrackers F42B 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 B44F 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 A63F 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 A63H 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 A63H 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 A63H 19/30; for special railways A63H 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 (A63H 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 A63H 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 G09B)

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 (A63H 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 A63H 19/06)

- 25/02 . Distributing-gear

27/00 Toy aircraft; Other flying toys (toys with parachutes A63H 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 B60C 29/00)
- 27/127 . Flying toys capable of landing or taking-off vertically; Flying tops (flying discs A63B 65/10) [4]
- 27/133 . . Helicopters; Gyroplanes (A63H 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 (A63H 27/04, A63H 27/127 take precedence) [4]
- 27/24 . . combustion engine or electric motor propelled (ultra-small engines per se, e.g. for driving models, F02B 75/34; electric motors per se H02K) [4]
- 27/26 . . . Jet-propelled flying toys, e.g. aeroplanes (A63H 27/04, A63H 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 A63H 27/133) [4]
- 27/32 . Alighting gear for toy aircraft, e.g. wheeled type, floats [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 A63H 18/12)
- 29/24 . Details or accessories for drive mechanisms, e.g. means for winding-up or starting toy engines

30/00 Remote-control arrangements specially adapted for toys, e.g. for toy vehicles (steering mechanisms for toy vehicles A63H 17/36; for model railways A63H 19/24, A63H 19/28) [4]

- 30/02 . Electrical arrangements (transformers H01F; converters H02M)
- 30/04 . . using wireless transmission
- 30/06 . Hydraulic or pneumatic arrangements

31/00 Gearing for toys (gearing in general F16H)

- 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

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 A63F 9/02; sling weapons F41B 3/00; spring toy guns F41B 7/08)
- 33/20 . Toys with parachutes; Toy parachutes (parachutes for aeronautics B64D)
- 33/22 . Optical, colour, or shadow toys (kaleidoscopes G02B 27/08)
- 33/26 . Magnetic or electric toys (electric drives A63H 29/22)
- 33/28 . Soap-bubble toys; Smoke toys (blowing smoke rings A24F 13/30)
- 33/30 . Imitations of apparatus, not otherwise provided for, e.g. telephones, weighing-machines, cash-registers (savings boxes A45C 1/12; toy ticket punches G07B 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 B42D 1/00) [4]
- 33/40 . Windmills; Other toys actuated by air currents (driving mechanisms for toy figures or vehicles A63H 29/16)
- 33/42 . Toy models or toy scenery not otherwise provided for (models or scenery for general purposes G09B)

37/00 Jokes; Confetti, streamers, or other dance favours [4]