

SECTION A — HUMAN NECESSITIES

A63 SPORTS; GAMES; AMUSEMENTS

A63H 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
TOPS; DOLLS, TOY ANIMALS.....	1/00, 3/00
OTHER TOYS.....	5/00, 7/00, 33/00
MANUFACTURE OF DOLLS OR TOY FIGURES.....	9/00
DRIVING MECHANISM; CONTROLLING; GEARING.....	29/00, 30/00, 31/00
JOKES, CONFETTI.....	37/00

1/00	Tops (flying tops A63H 27/127)	3/18	• Jumping jacks
1/02	• with detachable winding devices	3/20	• with parts moved due to movements of other parts, e.g. limbs
1/04	• • with string or band winding devices	3/24	• Drinking dolls; Dolls producing tears; Wetting dolls
1/06	• with integral winding devices	3/26	• Floating dolls
1/08	• with arrangements for winding-up by blowing	3/28	• Arrangements of sound-producing means in dolls; Means in dolls for producing sounds
1/10	• able to be spun by whirling the axis with both hands	3/31	• • Bellows, cylinders or the like for sound production
1/12	• Whip tops; Top whips	3/33	• • Other sound-producing means specially adapted for dolls
1/16	• Hopping, dancing, or curve-drawing tops	3/36	• Details; Accessories
1/18	• Double tops; Multiple tops mounted in or on one another	3/38	• • Dolls' eyes
1/20	• with figure-like features; with movable objects, especially figures	3/40	• • • movable
1/22	• Colour tops	3/42	• • • Manufacture of eyes
1/24	• with illuminating arrangements	3/44	• • Dolls' hair or wigs; Eyelashes; Eyebrows
1/26	• emitting blasts or explosions	3/46	• • Connections for limbs
1/28	• Musical tops	3/48	• • Mounting of parts within dolls, e.g. automatic eyes
1/30	• Climbing tops, e.g. Yo-Yo	3/50	• • Frames, stands, or wheels for dolls or toy animals
1/32	• Whirling or spinning discs driven by twisted cords	3/52	• • Dolls' houses, furniture, or other equipment; Dolls' clothing (dolls' footwear A43B 3/28)

Dolls; Figures; Musical toys

3/00	Dolls	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)
	<u>Note(s)</u>	5/04	• Pistols or machine guns operated without detonators; Crackers (firecrackers F42B 4/04)
	In this group, the following term is used with the meaning indicated:	7/00	Toy figures led or propelled by the user
	• "doll" includes a toy animal.	7/02	• by pushing or drawing
3/02	• made of fabrics or stuffed	7/04	• • moving together with a toy vehicle
3/04	• with deformable framework	7/06	• • with feet formed by rotary members
3/06	• Air-filled or inflatable toy figures	9/00	Special methods or compositions for the manufacture of dolls, toy animals, toy figures, or parts thereof
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		

Mechanically or gravity driven toy figures

11/00 Self-movable toy figures

A63H

- 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 [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**
- 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 [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
- 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
- 27/127 • Flying toys capable of landing or taking-off vertically; Flying tops [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 [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 (remotely controlled steering mechanisms for toy vehicles A63H 17/385; for model railways A63H 19/24, A63H 19/28) [4]**
- 30/02 • Electrical arrangements
- 30/04 • • using wireless transmission
- 30/06 • Hydraulic or pneumatic arrangements
- 31/00 Gearing for toys**
- 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 (spring toy guns F41B 7/08)
- 33/20 • Toys with parachutes; Toy parachutes
- 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 (arrangements for producing smoke images or rings during smoking A24F 13/30)
- 33/30 • Imitations of apparatus, not otherwise provided for, e.g. telephones, weighing-machines or cash-registers [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 [4]
- 33/40 • Windmills; Other toys actuated by air currents (driving mechanisms for toys actuated by steam or compressed air A63H 29/16)
- 33/42 • Toy models or toy scenery not otherwise provided for
- 37/00 Jokes; Confetti, streamers, or other dance favours [4]**