COOPERATIVE PATENT CLASSIFICATION

A HUMAN NECESSITIES

HEALTH; AMUSEMENT

A63 SPORTS; GAMES; AMUSEMENTS

A63H TOYS, e.g. TOPS, DOLLS, HOOPS, BUILDING BLOCKS

WARNINGS

1. The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:
   - A63H 3/33 covered by A63H 3/28
   - A63H 17/267 covered by A63H 17/262
   - A63H 17/273 covered by A63H 17/26
   - A63H 17/385 covered by A63H 17/36
   - A63H 17/39 covered by A63H 17/36
   - A63H 17/41 covered by A63H 17/40
   - A63H 25/00 covered by A63H 29/16, A63H 31/00
   - A63H 25/02 covered by A63H 29/16, A63H 31/00
   - A63H 27/01 covered by A63H 27/007
   - A63H 27/127 covered by A63H 27/12
   - A63H 27/133 covered by A63H 27/12
   - A63H 27/16 covered by A63H 27/001, A63H 33/16
   - A63H 27/18 covered by A63H 27/00, A63H 27/02
   - A63H 27/20 covered by A63H 27/00
   - A63H 27/22 covered by A63H 27/00, A63H 29/18
   - A63H 27/24 covered by A63H 27/02, A63H 29/00, A63H 29/22
   - A63H 27/26 covered by A63H 27/06
   - A63H 27/28 covered by A63H 27/008
   - A63H 27/30 covered by A63H 27/02
   - A63H 27/32 covered by A63H 27/00

2. In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

1/00 Tops (diabolos or similar thrown and caught spinning tops or throwing and catching devices therefor A63B 67/16; flying tops (A63H 27/12))

WARNING

Group A63H 1/00 is impacted by reclassification into groups A63B 67/16 and A63B 67/165.
Groups A63H 1/00, A63B 67/16, and A63B 67/165 should be considered in order to perform a complete search.

1/02 . with detachable winding devices

WARNING

Group A63H 1/02 is impacted by reclassification into groups A63B 67/16 and A63B 67/165.
Groups A63H 1/02, A63B 67/16, and A63B 67/165 should be considered in order to perform a complete search.

1/04 . with string or band winding devices

WARNING

Group A63H 1/04 is impacted by reclassification into groups A63B 67/16 and A63B 67/165.
Groups A63H 1/04, A63B 67/16, and A63B 67/165 should be considered in order to perform a complete search.

1/06 . with integral winding devices

WARNING

Group A63H 1/06 is impacted by reclassification into groups A63B 67/16 and A63B 67/165.
Groups A63H 1/06, A63B 67/16, and A63B 67/165 should be considered in order to perform a complete search.
WARNING

Group A63H 1/08 is impacted by reclassification into groups A63B 67/16 and A63B 67/165.
Groups A63H 1/08, A63B 67/16, and A63B 67/165 should be considered in order to perform a complete search.

1/10.

able to be spun by whirling the axis with both hands

WARNING

Group A63H 1/10 is impacted by reclassification into groups A63B 67/16 and A63B 67/165.
Groups A63H 1/10, A63B 67/16, and A63B 67/165 should be considered in order to perform a complete search.

1/12.

Whip tops; Top whips

WARNING

Group A63H 1/12 is impacted by reclassification into groups A63B 67/16 and A63B 67/165.
Groups A63H 1/12, A63B 67/16, and A63B 67/165 should be considered in order to perform a complete search.

1/16.

Hopping, dancing, or curve-drawing tops

WARNING

Group A63H 1/16 is impacted by reclassification into groups A63B 67/16 and A63B 67/165.
Groups A63H 1/16, A63B 67/16, and A63B 67/165 should be considered in order to perform a complete search.

1/18.

Double tops; Multiple tops mounted in or on one another

WARNING

Group A63H 1/18 is impacted by reclassification into group(s) A63B 67/16 and A63B 67/165.
Groups A63H 1/18, A63B 67/16, and A63B 67/165 should be considered in order to perform a complete search.

1/20.

with figure-like features; with movable objects, especially figures

WARNING

Group A63H 1/20 is impacted by reclassification into groups A63B 67/16 and A63B 67/165.
Groups A63H 1/20 and A63B 67/16 and A63B 67/165 should be considered in order to perform a complete search.

1/22.

Colour tops

WARNING

Group A63H 1/22 is impacted by reclassification into groups A63B 67/16 and A63B 67/165.
Groups A63H 1/22, A63B 67/16, and A63B 67/165 should be considered in order to perform a complete search.

1/24.

with illuminating arrangements

WARNING

Group A63H 1/24 is impacted by reclassification into groups A63B 67/16 and A63B 67/165.
Groups A63H 1/24, A63B 67/16, and A63B 67/165 should be considered in order to perform a complete search.

1/26.

emitting blasts or explosions

WARNING

Group A63H 1/26 is impacted by reclassification into groups A63B 67/16 and A63B 67/165.
Groups A63H 1/26, A63B 67/16, and A63B 67/165 should be considered in order to perform a complete search.

1/28.

Musical tops

WARNING

Group A63H 1/28 is impacted by reclassification into groups A63B 67/16 and A63B 67/165.
Groups A63H 1/28, A63B 67/16, and A63B 67/165 should be considered in order to perform a complete search.

1/30.

Climbing tops, e.g. Yo-Yo

WARNING

Group A63H 1/30 is impacted by reclassification into groups A63B 67/16 and A63B 67/165.
Groups A63H 1/30, A63B 67/16, and A63B 67/165 should be considered in order to perform a complete search.

1/32.

Whirling or spinning discs driven by twisted cords

WARNING

Group A63H 1/32 is impacted by reclassification into groups A63B 67/16 and A63B 67/165.
Groups A63H 1/32, A63B 67/16, and A63B 67/165 should be considered in order to perform a complete search.

Dolls; Figures; Musical toys

3/00.

Dolls {{puppets or marionettes for shows or theatres A63J 19/006}}

NOTE

In this group, the following term is used with the meaning indicated:
• “doll” includes a toy animal

3/001.

{ simulating physiological processes, e.g. heartbeat, breathing or fever (with fluid ingestion or emission A63H 3/24)}

3/003.

{ specially adapted for a particular function not connected with dolls (as electric lighting devices A63H 3/006)}

3/005.

{ for use as container (containers B65D)}

3/006.

{ provided with electrical lighting (electrical lighting F21)}

3/008.

{Dolls capable of simulating pregnancy or birth}

3/02.

made of fabrics or stuffed

3/04.

with deformable framework
Dolls; Figures; Musical toys

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)
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 (facial parts only A63H 3/365)
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
3/36 . . Details; Accessories
3/365 . . . (allowing a choice of facial features, e.g. to change the facial expression (change of expression through animation A63H 3/48; self-moving A63H 13/005; movable eyes A63H 3/40))
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)
3/445 . . . [Eyelashes; Eyebrows]
3/46 . . . Connections for limbs
3/48 . . . Mounting of parts within dolls, e.g. automatic eyes (or parts for animation (self-moving A63H 13/00))
3/50 . . . Frames, stands, or wheels for dolls or toy animals
3/52 . . . Dolls' houses, furniture, or other equipment (simulating liquid flow A63H 33/3022); 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; sound-producing dolls A63H 3/28; musical toy vehicles A63H 17/268; acoustical vehicle-signalling devices A63H 17/32; whistling toy locomotive arrangements A63H 19/14); music, sound or noise production in general G10)
5/04 . Pistols or machine guns operated without detonators; Crackers (cracker bonbons A63H 37/00)
7/00 Toy figures led or propelled by the user
7/02 . by pushing or drawing
7/04 . . moving together with a toy vehicle (or together with wheels rolling on the ground, i.e. driven by vehicle or wheel movement)
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
2011/16 . . [Toy animals with pairs of legs performing turtle-like motions]
11/18 . . Figure toys which perform a realistic walking motion
11/20 . . with pairs of legs, e.g. horses

WARNING
New group A63H 11/20 introduced in November 2005 is not complete. Documents from A63H 11/18 are in the process of being reorganised to the new group

11/205 . . . [performing turtle-like motion]
13/00 Toy figures with self-moving parts, with or without movement of the toy as a whole
13/005 . . with self-moving head or facial features (with a choice of features A63H 3/365; movable eyes A63H 3/40)
13/02 . imitating natural actions, e.g. catching a mouse by a cat, the kicking of an animal
13/03 . . Egg-laying toy animals
13/04 . . Mechanical figures imitating the movement of players or workers
13/045 . . . [imitating surfing]
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)
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 (A63H 7/04 takes precedence)

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; {convertible into other toys A63H 33/003; Cranes, winches or the like; Accessories therefore (traffic games with figures moved by players A63F 9/14)

17/002  [made of parts to be assembled]
17/004  {Stunt-cars, e.g. lifting front wheels, roll-over or invertable cars}
17/006  {Missile-launching means on toy vehicles}
17/008  {Launching devices for motorless toy vehicles (start mechanisms for trackways A63H 18/026; for toy aircraft A63H 27/14)}
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
17/05   Trucks; Lorries

2017/055  {for agricultural use}
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
17/22   Scooters with driver figure propelled by their wheels or by movement of the figure
17/24   shaped as sledges, sleighs, or bobseilghs with or without figures
17/25   Other wheeled vehicles with moving figures {toy figures moving together with toy vehicles, led or propelled by the user, A63H 7/04; self-movable toy figures driven by wheeled undercarriages A63H 11/10)
17/26   Details; Accessories (drive mechanisms A63H 29/00)
17/262  {Chassis; Wheel mountings; Wheels; Axles; Suspension; Fitting body portions to chassis}
17/264  {Coupling mechanisms (for model railway vehicles A63H 19/18)}
17/266  {Movable parts other than toy figures, driven by the wheels)]
17/268  {Musical toy vehicles}
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
17/395  steered by program
17/40   Toy vehicles automatically steering or reversing by collision with an obstacle
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
18/002  {Air-actuated track systems, e.g. with air cushion}
18/005  {Accessories for indicating the winner of a race, e.g. lap counters, speed indicators}
18/007  {Vehicles moved by vibration}
18/02   Construction or arrangement of the trackway
18/021  {Flexible tracks; Fluid-pressure-actuated tracks}
18/023  {Track control means, e.g. switches (A63H 18/025 takes precedence)}
18/025  {Actuation of track parts by the vehicle}
18/026  {Start-finish mechanisms; Stop arrangements; Traffic lights; Barriers, or the like (A63H 18/025 takes precedence)}
18/028  {Looping; Jumping; Tilt-track sections}
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
2018/165  {Means to improve adhesion of the vehicles on the track, e.g. using magnetic forces}

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
2019/243  {Anti-collision systems}
2019/246  {Remote controls}
19/26   Toy vehicles with overhead trolley-wire; Trolley-buses
19/28   Mechanical toy railway systems
19/30   Permanent way; Rails; Rail-join 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 scences for toy purposes (models or scenery for general purposes G09B)
2019/365  {Devices for putting or removing vehicles on or from the rails, e.g. ramps}

21/00  Other toy railways
21/02   with cable- or rail-suspended vehicles
Toy vehicles; Toy engines

27/14 . . Starting or launching devices for toy aircraft; Arrangements on toy aircraft for starting or launching [(for launching objects from an aircraft A63H 27/004)]

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
29/165 . . . [jet-propelled]
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 17/56; for model railways A63H 19/24; A63H 19/28)
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
33/001 . . [Toy-moulding appliances; Toy moulding]
33/002 . . Devices for converting reciprocal or vibratory motion into rotary motion, e.g. for propellers
33/003 . . [Convertible toys, e.g. robots convertible into rockets or vehicles convertible into planes]
33/004 . . [made of fabrics or stuffed]
33/005 . . [Motorised rolling toys]
33/006 . . [Infant exercisers, e.g. for attachment to a crib]
33/007 . . [Push or pull wheels, e.g. with movable parts other than toy figures driven by the wheels (A63H 33/02 takes precedence; for driving movable toy figures A63H 7/04)]
33/008 . . [Playhouses, play-tents, big enough for playing inside]
33/009 . . [Toy swords or similar toy weapons; Toy shields]
33/02 . . Toy hoops (. i.e. rings to be rolled by separate sticks); Sticks for propelling
33/04 . . Building blocks, strips, or similar building parts
33/042 . . . [Mechanical, electrical, optical, pneumatic or hydraulic arrangements; Motors]
33/044 . . . [Buildings]
Driving or controlling toys, e.g. toy vehicles

33/046 . . . [comprising magnetic interaction means, e.g. holding together by magnetic attraction]
33/048 . . . [to be assembled using hook and loop-type fastener or the like]
33/06 . . . to be assembled without the use of additional elements
33/062 . . . [with clip or snap mechanisms]
33/065 . . . [using elastic deformation (A63H 33/062 takes precedence)]
33/067 . . . [with rotation or translation, e.g. of keyhole or bayonet type]
33/08 . . . provided with complementary holes, grooves, or protuberances, e.g. dovetails
33/082 . . . [with dovetails]
33/084 . . . [with grooves (dovetails A63H 33/082)]
33/086 . . . [with primary projections fitting by friction in complementary spaces between secondary projections, e.g. sidewalls]
33/088 . . . [with holes (A63H 33/062, A63H 33/065 take precedence)]
33/10 . . . to be assembled by means of additional non-adhesive elements
33/101 . . . [with clip or snap mechanism]
33/102 . . . [using elastic deformation (A63H 33/101 takes precedence)]
33/103 . . . [with wires, springs, suction cups, telescopic elements]
33/105 . . . [with grooves, e.g. dovetails]
33/106 . . . [with rotation, e.g. of bayonet type]
33/107 . . . [using screws, bolts, nails, rivets, clamps]
33/108 . . . [with holes (A63H 33/101, A63H 33/102 and A63H 33/107 take precedence)]
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 slingling toys, {e.g. flying disc toys (discs used in athletics A63B 65/10) (as part of a game A63F 9/02; sling weapons F41B 3/00; spring toy guns F41B 7/08)
33/185 . . . (Aerial toy rotating automatically when descending under gravity)
33/20 . Toys with parachutes; Toy parachutes
33/22 . Optical, colour, or shadow toys (puzzles with optical elements A63F 9/0613); kaleidoscopes G02B 27/008)
33/26 . Magnetic or electric toys (electric drives A63H 29/22; indoor games played with small balls using magnetic power A63F 7/0088, A63F 7/008)]
33/28 . Soap-bubble toys; Smoke toys (blowing smoke rings A24F 13/30)
33/30 . Imitations of miscellaneous apparatus not otherwise provided for, e.g. telephones, weighing-machines, cash-registers (savings boxes A45C 1/12; toy ticket punches G07B 9/02)
33/3005 . . . [Cash-registers]
33/3011 . . . [Weighing-machines]
33/3016 . . . [Telephones]