

ECLA EUROPEAN CLASSIFICATION

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

[N: **WARNING** [C0811]]

- The following IPC groups are not used in the internal ECLA classification scheme. Subject matter covered by these groups is classified in the following ECLA groups:

A63H3/33	covered by	A63H3/28
A63H17/267	covered by	A63H17/26B
A63H17/273	covered by	A63H17/26
A63H17/385	covered by	A63H17/36
A63H17/39	covered by	A63H17/36
A63H17/41	covered by	A63H17/40
A63H25/00	covered by	A63H29/16 , A63H31/00
A63H25/02	covered by	A63H29/16 , A63H31/00
A63H27/01	covered by	A63H27/00E
A63H27/127	covered by	A63H27/12
A63H27/133	covered by	A63H27/12
A63H27/16	covered by	A63H27/00A , A63H33/16
A63H27/18	covered by	A63H27/00 , A63H27/02
A63H27/20	covered by	A63H27/00
A63H27/22	covered by	A63H27/00 , A63H29/18
A63H27/24	covered by	A63H27/02 , A63H29/00 , A63H29/22
A63H27/26	covered by	A63H27/06
A63H27/28	covered by	A63H27/00F
A63H27/30	covered by	A63H27/02
A63H27/32	covered by	A63H27/00

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A63H1/00 **Tops** (flying tops [A63H27/12](#))

- [A63H1/02](#) . with detachable winding devices
- [A63H1/04](#) . . with string or band winding devices
- [A63H1/06](#) . with integral winding devices
- [A63H1/08](#) . with arrangements for winding-up by blowing
- [A63H1/10](#) . able to be spun by whirling the axis with both hands
- [A63H1/12](#) . Whip tops; Top whips
- [A63H1/16](#) . Hopping, dancing, or curve-drawing tops
- [A63H1/18](#) . Double tops; Multiple tops mounted in or on one another
- [A63H1/20](#) . with figure-like features; with movable objects, especially figures
- [A63H1/22](#) . Colour tops
- [A63H1/24](#) . with illuminating arrangements

- A63H1/26 . emitting blasts or explosions
- A63H1/28 . Musical tops
- A63H1/30 . Climbing tops, e.g. Yo-Yo
- A63H1/32 . Whirling or spinning discs driven by twisted cords

Guide heading: **Dolls; Figures; Musical toys**

A63H3/00 **Dolls** [N: (puppets or marionettes for shows or theatres [A63J19/00M](#))] [C9501]

Note

In this group, the following term is used with the meaning indicated: - "doll" includes a toy animal

- A63H3/00B . [N: simulating physiological processes, e.g. heartbeat, breathing or fever (with fluid ingestion or emission [A63H3/24](#))]
- A63H3/00C . [N: specially adapted for a particular function not connected with dolls (as electric lighting devices [A63H3/00E](#))]
- A63H3/00C1 . . [N: for use as container (containers [B65D](#))]
- A63H3/00E . [N: provided with electrical lighting (electrical lighting [F21](#))]
- A63H3/00P . [N: Dolls capable of simulating pregnancy or birth] [C9411]
- A63H3/02 . made of fabrics or stuffed
- A63H3/04 . with deformable framework
- A63H3/06 . Air-filled or inflatable toy figures (connection of valves to inflatable elastic bodies [B60C29/00](#))
- A63H3/08 . of flat paper to be cut-out, folded, or clothed
- A63H3/10 . Flat toy figures provided with limbs, with or without arrangements for making them stand up ([A63H3/08](#) takes precedence)
- A63H3/12 . Double-faced dolls
- A63H3/14 . into which the fingers of the hand can be inserted, e.g. hand-puppets
- A63H3/16 . made of parts that can be put together [N: (facial parts only [A63H3/36B](#))]
- A63H3/18 . Jumping jacks
- A63H3/20 . with parts moved due to movements of other parts, e.g. limbs
- A63H3/24 . Drinking dolls; Dolls producing tears; Wetting dolls

- A63H3/26 . Floating dolls
- A63H3/28 . Arrangements of sound-producing means in dolls; Means in dolls for producing sounds
- A63H3/31 . . Bellows, cylinders or the like for sound production
- A63H3/36 . Details; Accessories
- A63H3/36B . . [N: allowing a choice of facial features, e.g. to change the facial expression (change of expression through animation [A63H3/48](#), self-moving [A63H13/00B](#); movable eyes [A63H3/40](#))]
- A63H3/38 . . Dolls` eyes
- A63H3/40 . . . movable
- A63H3/42 . . . Manufacture of eyes (artificial eyes for human beings [A61F2/14](#))
- A63H3/44 . . Dolls` hair or wigs; Eyelashes; Eyebrows (wigs, eyelashes, eyebrows for humans [A41G](#))
- A63H3/44B . . . [N: Eyelashes; Eyebrows]
- A63H3/46 . . Connections for limbs
- A63H3/48 . . Mounting of parts within dolls, e.g. automatic eyes [N: or parts for animation (self-moving [A63H13/00](#))]
- A63H3/50 . . Frames, stands, or wheels for dolls or toy animals
- A63H3/52 . . Dolls` houses, furniture, or other equipment [N: (simulating liquid flow [A63H33/30E](#))]; Dolls` clothing (dolls` footwear [A43B3/28](#))

- A63H5/00** **Musical or noise- producing devices for additional toy effects other than acoustical** (musical tops [A63H1/28](#); [N: sound-producing dolls [A63H3/28](#); musical toy vehicles [A63H17/26F](#); acoustical vehicle-signalling devices [A63H17/32](#); whistling toy locomotive arrangements [A63H19/14](#)]; music, sound or noise production in general [G10](#)) [C9409]

- A63H5/04 . Pistols or machine guns operated without detonators; Crackers [N: (cracker bonbons [A63H37/00](#))]

- A63H7/00** **Toy figures led or propelled by the user**

- A63H7/02 . by pushing or drawing
- A63H7/04 . . moving together with a toy vehicle [N: or together with wheels rolling on the ground, i.e. driven by vehicle or wheel movement]
- A63H7/06 . . with feet formed by rotary members

- A63H9/00** **Special methods or compositions for the manufacture of dolls, toy animals, toy figures, or parts thereof**

- Guide heading:** **Mechanically or gravity driven toy figures**

- A63H11/00** **Self-movable toy figures**

- A63H11/02 . moved by vibrations produced by rotating eccentric weights

- A63H11/04 . Climbing figures moving up-and-down
- A63H11/06 . Jumping toys
- A63H11/08 . Toys performing somersaults
- A63H11/10 . 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
- A63H11/12 . . Wheeled toys with figures performing a wriggling motion when moving
- A63H11/14 . Mechanically-moved walking figures balanced by gyrostatic effects
- A63H11/18 . Figure toys which perform a realistic walking motion
- A63H11/20 . . with pairs of legs, e.g. horses [N0603] [WARNING: New group A63H11/20 introduced in November 2005 is not complete. Documents from A63H11/18 are in the process of being reorganised to the new group]
- A63H11/20T . . . [N: performing turtle-like motion] [N0603]

A63H13/00 Toy figures with self-moving parts, with or without movement of the toy as a whole

- A63H13/00B . [N: with self-moving head or facial features (with a choice of features [A63H3/36B](#); movable eyes [A63H3/40](#))]
- A63H13/02 . imitating natural actions, e.g. catching a mouse by a cat, the kicking of an animal
- A63H13/03 . . Egg-laying toy animals
- A63H13/04 . . Mechanical figures imitating the movement of players or workers
- A63H13/04S . . . [N: imitating surfing] [N9912]
- A63H13/06 . . . imitating boxing or fighting
- A63H13/08 . . . able to perform military exercises
- A63H13/10 . . . shooting arrows or other missiles
- A63H13/12 . . . Gymnastic or acrobatic toy figures
- A63H13/14 . . . Rope-jumping toy figures
- A63H13/15 . . . imitating drawing or writing (changeable or secret pictures [B44F1/10](#))
- A63H13/16 . Boxes from which figures jump
- A63H13/18 . Toy swinging chairs; Rocking-figure toys
- A63H13/20 . Toy roundabouts with moving figures; Toy models of fairs or the like, with moving figures [N: ([A63H7/04](#) takes precedence)]

A63H15/00 Other gravity-operated toy figures

- A63H15/02 . Figures staggering down an inclined path by means of the gravity effect
- A63H15/04 . Toy figures swinging about a point above the centre of gravity
- A63H15/06 . Self-righting toys

A63H15/08 . Tumbling toy figures operated by balls enclosed therein

Guide heading: Toy vehicles; Toy engines

A63H17/00 **Toy vehicles, e.g. with self-drive; [N: (convertible into other toys [A63H33/00D](#)); Cranes, winches or the like;] Accessories therefor (traffic games with figures moved by players [A63F9/14](#))**

A63H17/00B . [N: made of parts to be assembled]

A63H17/00C . [N: Stunt-cars, e.g. lifting front wheels, roll-over or invertible cars]

A63H17/00E . [N: Missile-launching means on toy vehicles]

A63H17/00F . [N: Launching devices for motorless toy vehicles (start mechanisms for trackways [A63H18/02E](#); for toy aircraft [A63H27/14](#))]

A63H17/02 . convertible into other forms under the action of impact or shock, e.g. arrangements for imitating accidents

A63H17/045 . shaped as armoured cars, tanks or the like [[N0607](#)]

A63H17/05 . Trucks; Lorries

A63H17/06 . . with tipping bodies

A63H17/08 . . carrying a mechanically-raised ladder

A63H17/10 . . carrying a tank for transporting liquids

A63H17/12 . with cranes, winches or the like

A63H17/14 . Endless-track automobiles or trucks

A63H17/16 . in the form of a bicycle, with or without riders thereon

A63H17/18 . Tricycles, e.g. with moving figures

A63H17/21 . shaped as motorcycles with or without figures [[N0607](#)]

A63H17/22 . Scooters with driver figure propelled by their wheels or by movement of the figure

A63H17/24 . shaped as sledges, sleighs, or bobsleighs with or without figures

A63H17/25 . Other wheeled vehicles with moving figures [N: (toy figures moving together with toy vehicles, led or propelled by the user, [A63H7/04](#); self-movable toy figures driven by wheeled undercarriages [A63H11/10](#))]

A63H17/26 . Details; Accessories (drive mechanisms [A63H29/00](#))

A63H17/26B . . [N: Chassis; Wheel mountings; Wheels; Axles; Suspensions; Fitting body portions to chassis]

A63H17/26C . . [N: Coupling mechanisms (for model railway vehicles [A63H19/18](#))] [[C9409](#)]

- A63H17/26D . . [N: Movable parts other than toy figures, driven by the wheels]
- A63H17/26F . . [N: Musical toy vehicles]
- A63H17/28 . . Electric lighting systems
- A63H17/30 . . Direction-indicators
- A63H17/32 . . Acoustical or optical signalling devices
- A63H17/34 . . Arrangements for imitating the noise of motors
- A63H17/36 . . Steering-mechanisms for toy vehicles
- A63H17/38 . . . actuated by hand
- A63H17/395 . . . steered by program
- A63H17/40 . . . Toy vehicles automatically steering or reversing by collision with an obstacle
- A63H17/42 . . Automatic stopping or braking arrangements
- A63H17/44 . . Toy garages for receiving toy vehicles; Filling stations

- A63H18/00** **Highways or trackways for toys** (railway permanent way [A63H19/30](#); for special railways [A63H21/00](#)); **Propulsion by special interaction between vehicle and track**

- A63H18/00B . [N: Air-actuated track systems, e.g. with air cushion]
- A63H18/00C . [N: Accessories for indicating the winner of a race, e.g. lap counters, speed indicators]
- A63H18/00D . [N: Vehicles moved by vibration]

- A63H18/02 . Construction or arrangement of the trackway
- A63H18/02B . . [N: Flexible tracks; Fluid-pressure-actuated tracks]
- A63H18/02C . . [N: Track control means, e.g. switches ([A63H18/02D](#) takes precedence)]
- A63H18/02D . . [N: Actuation of track parts by the vehicle]
- A63H18/02E . . [N: Start-finish mechanisms; Stop arrangements; Traffic lights; Barriers, or the like ([A63H18/02D](#) takes precedence)]
- A63H18/02F . . [N: Looping; Jumping; Tilt-track sections]
- A63H18/04 . . Up-and-down-hill trackways ([A63H18/06](#) takes precedence)
- A63H18/06 . . designed to cause movement of a vehicle by alteration of the inclination of part of the trackway

- A63H18/08 . with mechanical means for guiding or steering
- A63H18/10 . with magnetic means for steering
- A63H18/12 . Electric current supply to toy vehicles through the track
- A63H18/14 . Drives arranged in the track, e.g. endless conveying means, magnets, driving-discs
- A63H18/16 . Control of vehicle drives by interaction between vehicle and track; Control of track elements by vehicles

- A63H19/00** **Model railways** (propulsion by special interaction between vehicle and track [A63H18/00](#))

- A63H19/02 . Locomotives; Motor coaches

- A63H19/04 . . . spring-driven
- A63H19/06 . . . Steam-driven locomotives; Engines therefor
- A63H19/08 Boilers for locomotives
- A63H19/10 . . . electrically driven
- A63H19/12 with electric reversing gear
- A63H19/14 . . . Arrangements for imitating locomotive features, e.g. whistling, signalling, puffing

- A63H19/15 . . Special types of cars

- A63H19/16 . . Parts for model railway vehicles
- A63H19/18 . . . Car coupling or uncoupling mechanisms
- A63H19/20 . . . Illuminating arrangements
- A63H19/22 . . . Wheels; Wheel axles; Bogies

- A63H19/24 . . Electric toy railways; Systems therefor
- A63H19/26 . . . Toy vehicles with overhead trolley-wire; Trolley-buses

- A63H19/28 . . Mechanical toy railway systems

- A63H19/30 . . Permanent way; Rails; Rail-joint connections
- A63H19/32 . . . Switches or points; Operating means therefor

- A63H19/34 . . Bridges; Stations; Signalling systems

- A63H19/36 . . 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](#))

- A63H21/00** **Other toy railways**

- A63H21/02 . . . with cable- or rail-suspended vehicles

- A63H21/04 . . . Mono-railways, e.g. with vehicles embracing the rail in the form of a saddle ([A63H21/02 takes precedence](#))

- A63H23/00** **Toy boats; Floating toys; Other aquatic toy devices**

- A63H23/00B . . . [\[N: made of parts to be assembled\]](#)

- A63H23/02 . . . Boats; Sailing boats
- A63H23/04 Self-propelled boats, ships or submarines
- A63H23/06 jet-propelled

- A63H23/08 . . . Cartesian or other divers

- A63H23/10 . . . Other water toys, floating toys, or like buoyant toys
- A63H23/12 Waterborne toy projectiles; Knock-apart toys; Exploding ship toys

- A63H23/14 . . Special drives
- A63H23/16 . . Aquatic toy installations; Harbour arrangements

- A63H27/00** **Toy aircraft; Other flying toys** (toys with parachutes [A63H33/20](#)); [N: Starting or launching devices therefor]

- A63H27/00A . [N: Making or assembling thereof, e.g. by folding]
- A63H27/00B . [N: Means for manipulating kites or other captive flying toys, e.g. kite-reels (reels in general [B65H75/00](#))]
- A63H27/00C . [N: Means for launching objects from aircraft, e.g. pilot, missiles]
- A63H27/00D . [N: Rockets; Missiles]
- A63H27/00E . [N: Collapsible wings, e.g. for catapult aeroplanes]
- A63H27/00F . [N: Propelled by flapping of wings (driving mechanisms with extensible rubber bands for toys in general [A63H29/18](#))]
- A63H27/02 . [N: IPC3] Model aircraft
- A63H27/04 . Captive toy aircraft
- A63H27/06 . [N: IPC3] Jet-propelled flying toys, e.g. aeroplanes ([A63H27/04](#), [A63H27/12](#) take precedence)
- A63H27/08 . Kites [N: (other than toy aspects [B64C31/06](#))]
- A63H27/08B . . [N: Rotary kites; Kites provided with rotary parts]
- A63H27/08C . . [N: Inflatable kites]
- A63H27/08D . . [N: Means for launching objects along the kite string, e.g. with parachutes]
- A63H27/10 . Balloons (connection of valves to inflatable elastic bodies [B60C29/00](#); [N: other than toy aspects [B64B1/40](#)])
- A63H27/12 . [N: IPC3] Helicopters ([A63H27/04](#) takes precedence); Flying tops
- A63H27/14 . Starting or launching devices for toy aircraft; Arrangements on toy aircraft for starting or launching [N: (for launching objects from an aircraft [A63H27/00C](#))]

Guide heading: **Driving or controlling toys, e.g. toy vehicles**

A63H29/00 **Drive mechanisms for toys in general**

- A63H29/02 . Clockwork mechanisms
- A63H29/04 . . Helical-spring driving mechanisms
- A63H29/06 . . . Other elements therefor
- A63H29/08 . Driving mechanisms actuated by balls or weights

- A63H29/10 . Driving mechanisms actuated by flowing media
- A63H29/12 . . by a sand stream
- A63H29/14 . . by a water stream
- A63H29/16 . . by steam or compressed air
- A63H29/16B . . . [N: jet-propelled]
- A63H29/18 . Driving mechanisms with extensible rubber bands
- A63H29/20 . Flywheel driving mechanisms
- A63H29/22 . Electric drives (power supply through track [A63H18/12](#))
- A63H29/24 . Details or accessories for drive mechanisms, e.g. means for winding-up or starting toy engines

- A63H30/00** **Remote-control arrangements specially adapted for toys, e.g. for toy vehicles**
(steering mechanisms for toy vehicles [A63H17/36](#); for model railways [A63H19/24](#),
[A63H19/28](#))
- A63H30/02 . Electrical arrangements (transformers [H01E](#); converters [H02M](#))
- A63H30/04 . . using wireless transmission
- A63H30/06 . Hydraulic or pneumatic arrangements

- A63H31/00** **Gearing for toys** (gearing in general [F16H](#))
- A63H31/02 . Screw-spindle mechanisms
- A63H31/04 . Friction mechanisms
- A63H31/06 . Belt or string gear
- A63H31/08 . Gear-control mechanisms; Gears for imparting a reciprocating motion
- A63H31/10 . Gearing mechanisms actuated by movable wires enclosed in flexible tubes

- A63H33/00** **Other toys**
- A63H33/00B . [N: Toy-moulding appliances; Toy moulding]
- A63H33/00C . [N: Devices for converting reciprocal or vibratory motion into rotary motion, e.g. for propellers]
- A63H33/00D . [N: Convertible toys, e.g. robots convertible into rockets or vehicles convertible into planes]
- A63H33/00D1 . . [N: made of fabrics or stuffed] [N0010]
- A63H33/00E . [N: Motorised rolling toys]

- A63H33/00F . [N: Infant exercisers, e.g. for attachment to a crib]
- A63H33/00G . [N: Push or pull wheels, e.g. with movable parts other than toy figures driven by the wheels ([A63H33/02](#) takes precedence; for driving movable toy figures [A63H7/04](#))]
- A63H33/00H . [N: Playhouses, play-tents, big enough for playing inside] [N9806]
- A63H33/00S . [N: Toy swords or similar toy weapons; Toy shields] [N9608]
- A63H33/02 . Toy hoops, [N: i.e. rings to be rolled by separate sticks]; Sticks for propelling
- A63H33/04 . Building blocks, strips, or similar building parts
- A63H33/04B . . [N: Mechanical, electrical, optical, pneumatic or hydraulic arrangements; Motors]
- A63H33/04H . . [N: Buildings]
- A63H33/04M . . [N: comprising magnetic interaction means, e.g. holding together by magnetic attraction]
- A63H33/04V . . [N: to be assembled using hook and loop-type fastener or the like]
- A63H33/06 . . to be assembled without the use of additional elements
- A63H33/06C . . . [N: with clip or snap mechanisms]
- A63H33/06E . . . [N: using elastic deformation ([A63H33/06C](#) takes precedence)]
- A63H33/06R . . . [N: with rotation or translation, e.g. of keyhole or bayonet type]
- A63H33/08 . . . provided with complementary holes, grooves, or protuberances, e.g. dovetails
- A63H33/08D [N: with dovetails]
- A63H33/08G [N: with grooves ([dovetails A63H33/08D](#))]
- A63H33/08L [N: with primary projections fitting by friction in complementary spaces between secondary projections, e.g. sidewalls]
- A63H33/08T [N: with holes ([A63H33/06C](#), [A63H33/06E](#) take precedence)]
- A63H33/10 . . to be assembled by means of additional non-adhesive elements
- A63H33/10C . . . [N: with clip or snap mechanism]
- A63H33/10E . . . [N: using elastic deformation ([A63H33/10C](#) takes precedence)]
- A63H33/10F . . . [N: with wires, springs, suction cups, telescopic elements]
- A63H33/10G . . . [N: with grooves, e.g. dovetails]
- A63H33/10R . . . [N: with rotation, e.g. of bayonet type]
- A63H33/10S . . . [N: using screws, bolts, nails, rivets, clamps]
- A63H33/10T . . . [N: with holes ([A63H33/10C](#), [A63H33/10E](#) and [A63H33/10S](#) take precedence)]
- A63H33/12 . . . Perforated strips or the like assembled by rods, bolts, or the like
- A63H33/14 . . specially adapted to be assembled by adhesive or cement
- A63H33/16 . Models made by folding paper
- A63H33/18 . Throwing or slinging toys, [N: e.g. flying disc toys ([discs used in athletics A63B65/10](#)) (as part of a game [A63F9/02](#); sling weapons [F41B3/00](#); spring toy guns [F41B7/08](#))]
- A63H33/18W . . [N: Aerial toy rotating automatically when descending under gravity]
- A63H33/20 . Toys with parachutes; Toy parachutes ([N: [A63H27/00C](#), [A63H27/00D](#), and [A63H27/08D](#) take precedence]; parachutes for aeronautics [B64D](#))

- A63H33/22 . Optical, colour, or shadow toys ([N: puzzles with optical elements [A63F9/06F](#)];
kaleidoscopes [G02B27/08](#))
- A63H33/26 . Magnetic or electric toys (electric drives [A63H29/22](#); [N: indoor games played with
small balls using magnetic power [A63F7/00M](#), [A63F7/06M](#)])
- A63H33/28 . Soap-bubble toys; Smoke toys (blowing smoke rings [A24F13/30](#))
- A63H33/30 . Imitations of miscellaneous apparatus not otherwise provided for, e.g. telephones,
weighing-machines, cash-registers (savings boxes [A45C1/12](#); toy ticket punches
[G07B9/02](#))
- A63H33/30B . . [N: Cash-registers]
- A63H33/30C . . [N: Weighing-machines]
- A63H33/30D . . [N: Telephones]
- A63H33/30E . . [N: simulating liquid flow, e.g. nursing bottles (drinking, weeping, wetting dolls
[A63H3/24](#))]
- A63H33/30F . . [N: Radio or television sets]
- A63H33/30G . . [N: simulating driving; Accessories therefor, e.g. steering wheels] [N0008]
- A63H33/30H . . [N: Baths; Showers]
- A63H33/30K . . [N: Loading stations, e.g. with conveyers, elevators, cranes (cranes, winches or the
like per se [A63H17/12](#))]
- A63H33/30L . . [N: Vacuum-cleaners]
- A63H33/30M . . [N: Ovens, or other cooking means]
- A63H33/30N . . [N: Washing-machines]
- A63H33/30P . . [N: Watches or clocks]
- A63H33/30R . . [N: Tools or machine-tools]
- A63H33/30S . . [N: Typewriters]
- A63H33/30T . . [N: Printing machinery]
- A63H33/30V . . [N: Textile-machines (toy looms [D03D29/00](#))]
- A63H33/30W . . [N: Doctors` instruments]
- A63H33/32 . Moulds, shapes, spades, or the like, for playing with sand
- A63H33/36 . Sparking toys
- A63H33/38 . Picture books with additional toy effects, e.g. pop-up or slide displays (picture books
[B42D1/00](#))
- A63H33/40 . Windmills; Other toys actuated by air currents (driving mechanisms for toy figures or
vehicles [A63H29/16](#))
- A63H33/42 . Toy models or toy scenery not otherwise covered (models or scenery for general
purposes [G09B](#))
- A63H33/42S . . [N: Toy space systems, e.g. satellites, space ships]
- A63H37/00** **Jokes; Confetti, streamers, or other dance favours; [N: Cracker bonbons or the like]**
- A63H37/00B . [N: Popper toys, i.e. disc-shaped toys which jump when snapping to their original

shape after distortion]