

CPC**COOPERATIVE PATENT CLASSIFICATION****A42B****HATS; HEAD COVERINGS** ([headbands](#), [head-scarves](#) [A41D 20/00](#), [A41D 23/00](#))**A42B 1/00****Hats; Caps; Hoods****A42B 1/002**

- . { [Devices or supports adapted to retain the shape of hats \(for changing the size \[A42C 3/00\]\(#\) \)](#) }

A42B 1/004

- . { [with special decorative arrangements or effects](#) }

A42B 1/006

- . { [convertible or adapted for other uses](#) }

A42B 1/008

- . { [Head coverings with environmental control, e.g. for heating or cooling \(ventilating arrangements for head coverings \[A42C 5/04\]\(#\) \)](#) }

A42B 1/02

- . Hats; Stiff caps

A42B 1/04

- . Soft caps; Hoods

A42B 1/041

- .. { [Generally peakless soft head coverings, e.g. turbans, berets \(\[A42B 1/045\]\(#\), \[A42B 1/046\]\(#\) take precedence \)](#) }

A42B 1/043

- ... { [for use in hospital or food industries, e.g. sanitary or disposable caps](#) }

A42B 1/045

- .. { [fastened under the chin, e.g. bonnets](#) }

A42B 1/046

- .. { [Balaclavas or the like](#) }

A42B 1/048

- .. { [characterised by hoods being attachable to garments](#) }

A42B 1/06

- .. Caps with flaps; Motoring caps; Caps with means for protecting the eyes, ears, or nape of neck ([ear and nape protecting devices in general \[A41D\]\(#\)](#)); Caps with airpads or removable linings

A42B 1/061

- ... { [Caps or soft head coverings with means for protecting the eyes; Uniform caps](#) }

A42B 1/062

- { [Peaks; Visors](#) }

A42B 1/063

- { [with stiffening means](#) }

A42B 1/064

- { [detachable or movable, e.g. rotatable](#) }

A42B 1/065

- { [extensible or telescopic](#) }

A42B 1/066

- ... { [Caps or soft head coverings with means for protecting the ears or nape of neck; Caps with flaps; Motoring caps](#) }

A42B 1/067

- { [with removable protection of the nape of neck, e.g. sun or rain shields](#) }

A42B 1/068

- { [with additional protection for the ears; Removable ear muffs](#) }

A42B 1/069

- ... { [Linings](#) }

A42B 1/08

- .. with protection against blows ([head-guards for sporting purposes \[A63B 71/10\]\(#\)](#))

A42B 1/10

- ... Miners` caps (([A42B 3/04](#) takes precedence))

A42B 1/12

- .. Bathing caps

A42B 1/14

- . Straw hats; Substitutes therefor

A42B 1/16

- . Ladies` millinery

- A42B 1/18 . with coverings for protecting against dust, rain, or sunshine
- A42B 1/20 . Collapsible hats; Hats made of separable parts
- A42B 1/201 .. { Collapsible or foldable hats }
- A42B 1/203 .. { Inflatable hats }
- A42B 1/205 .. { Hats made of separable parts }
- A42B 1/206 .. { Transformable, convertible, reversible hats }
- A42B 1/208 .. { Hats made from a flat sheet }
- A42B 1/22 . adjustable in size; { Form-fitting or self adjusting head coverings; Devices for reducing hat size }
- A42B 1/225 .. { with openings for hair }
- A42B 1/24 . with means for attaching articles thereto, e.g. memorandum tablets, mirrors, lamps, insignia; { Head coverings with pockets }
- A42B 1/241 .. { Pockets therefor; Headcoverings with pockets }
- A42B 1/242 .. { Means for mounting detecting, signalling or lighting devices }
- A42B 1/244 ... { Means for mounting lamps }
- A42B 1/245 .. { Means for mounting audio or communication systems }
- A42B 1/247 .. { Means for attaching eyewear (arrangements for supporting by headgear [G02C 3/02](#)) }
- A42B 1/248 .. { Insignia, logo emblems or the like }
- A42B 3/00** **Helmets; Helmet covers;** { Other protective head coverings } ({ protective garments [A41D 13/00](#); hoods for welders [A61F 9/06](#) }; hoods as protection against chemical agents or for use at high altitudes [A62B 17/00](#); gas helmets [A62B 18/04](#); swimming helmets [A63B 33/00](#); { head guards for sporting purposes [A63B 71/10](#) }; defence protection helmets [F41H 1/04](#))
- A42B 3/003 . { Helmet covers }
- A42B 3/006 . { Means for transporting or storing helmets }
- A42B 3/04 . Parts, details or accessories of helmets
- A42B 3/0406 .. { Accessories for helmets }
- A42B 3/0413 ... { Anti-theft arrangements (attaching helmets to cycles [B62J 11/005](#); locks [E05](#)) }
- A42B 3/042 ... { Optical devices (night vision goggles [G02B 23/12](#)) }
- A42B 3/0426 { Rear view devices or the like }
- A42B 3/0433 ... { Detecting, signalling or lighting devices }
- A42B 3/044 { Lighting devices, e.g. helmets with lamps }
- A42B 3/0446 { intended to light the way ahead }
- A42B 3/0453 { Signalling devices, e.g. auxiliary brake or indicator lights }
- A42B 3/046 { Means for detecting hazards or accidents }
- A42B 3/0466 { Means for detecting that the user is wearing a helmet }
- A42B 3/0473 ... { Neck restraints }

A42B 3/048	...	{ Hydration systems }
A42B 3/0486	...	{ Airbags }
A42B 3/0493	..	{ Aerodynamic helmets; Air guiding means therefor }
A42B 3/06	..	Impact-absorbing shells, e.g. of crash helmets
A42B 3/061	...	{ External coatings, e.g. with light reflective material (helmet covers A42B 3/003) }
A42B 3/062	...	{ with reinforcing means }
A42B 3/063	....	{ using layered structures }
A42B 3/064	.....	{ with relative movement between layers }
A42B 3/065	....	{ Corrugated or ribbed shells }
A42B 3/066	...	{ specially adapted for cycling helmets, e.g. for soft shelled helmets }
A42B 3/067	...	{ with damage indication means }
A42B 3/068	...	{ with preferential fracture zones }
A42B 3/069	...	{ with soft external layer, e.g. for use in impact sports }
A42B 3/08	..	Chin straps or similar retention devices
A42B 3/085	...	{ Occipital retention systems }
A42B 3/10	..	Linings (A42B 3/16 takes precedence)
A42B 3/105	...	{ with additional protection for the neck (protective garments for neck or shoulder area A41D 13/0512) }
A42B 3/12	...	Cushioning devices
A42B 3/121	....	{ with at least one layer or pad containing a fluid }
A42B 3/122	.....	{ inflatable }
A42B 3/124	....	{ with at least one corrugated or ribbed layer }
A42B 3/125	....	{ with a padded structure, e.g. foam }
A42B 3/127	.....	{ with removable or adjustable pads }
A42B 3/128	.....	{ with zones of different density }
A42B 3/14	...	Suspension devices
A42B 3/142	....	{ with restraining or stabilizing means, e.g. nape straps (A42B 3/085 takes precedence) }
A42B 3/145	....	{ Size adjustment devices }
A42B 3/147	....	{ Anchoring means }
A42B 3/16	..	Ear protection devices
A42B 3/163	...	{ Wind or noise deflectors }
A42B 3/166	...	{ Integral hearing protection }
A42B 3/18	..	Face protection devices
A42B 3/185	...	{ Securing goggles or spectacles on helmet shells }
A42B 3/20	...	Face guards, e.g. for ice hockey (A42B 3/22 takes precedence)
A42B 3/205	....	{ Chin protectors }
A42B 3/22	...	Visors
A42B 3/221	....	{ Attaching visors to helmet shells, e.g. on motorcycle helmets }
A42B 3/222	.....	{ in an articulated manner, e.g. hinge devices }
A42B 3/223	.....	{ with means for locking the visor in a fully open, intermediate or closed position }

A42B 3/224	.....	{ with electrical actuation means }
A42B 3/225	....	{ with full face protection, e.g. for industrial safety applications }
A42B 3/226	....	{ with sunscreens, e.g. tinted or dual visor }
A42B 3/227	....	{ with sun visors, e.g. peaks above face opening }
A42B 3/228	....	{ for military or aviation applications (protection helmets F41H 1/04 ; breathing masks or helmets A62B 18/00) }
A42B 3/24	....	with means for avoiding fogging or misting
A42B 3/245	.....	{ using means for heating, e.g. electric heating of the visor }
A42B 3/26	....	with cleaning means, e.g. wipers; { Movable or interchangeable vision films or sheets }
A42B 3/28	..	Ventilating arrangements (A42B 3/24 takes precedence)
A42B 3/281	...	{ Air ducting systems }
A42B 3/283	....	{ Air inlets or outlets, with or without closure shutters }
A42B 3/285	...	{ with additional heating or cooling means }
A42B 3/286	...	{ with forced flow, e.g. by a fan }
A42B 3/288	...	{ with means for attaching respirators or breathing masks }
A42B 3/30	..	Mounting radio sets or communication systems (methods or devices for transmitting, conducting or directing sound G10K 11/18 ; electric communication technique H04)
A42B 3/303	...	{ Communication between riders or passengers }
A42B 3/306	...	{ Audio entertainment systems }
A42B 3/32	.	Collapsible helmets; Helmets made of separable parts (A42B 3/04 takes precedence); { Helmets with movable parts, e.g. adjustable }
A42B 3/322	..	{ Collapsible helmets }
A42B 3/324	..	{ Adjustable helmets }
A42B 3/326	..	{ Helmets with movable or separable chin or jaw guard }
A42B 3/328	..	{ with means to facilitate removal, e.g. after an accident }
A42B 5/00		Veils; Holders for veils
A42B 7/00		Fastening means for head coverings; Elastic cords; Ladies' hat fasteners (hat-pins A44B 9/06)