

**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 <a href="#">A42B 3/003</a> )}
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 ( <a href="#">A42B 3/16</a> takes precedence)
A42B 3/105	...	{ with additional protection for the neck (protective garments for neck or shoulder area <a href="#">A41D 13/0512</a> )}
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 ( <a href="#">A42B 3/085</a> 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 ( <a href="#">A42B 3/22</a> 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](#))**