

**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 ( <a href="#">helmet covers 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 takes precedence</a> )
A42B 3/105	...	{ with additional protection for the neck ( <a href="#">protective garments for neck or shoulder area 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 takes precedence</a> ) }
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 takes precedence</a> )
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 <a href="#">F41H 1/04</a> ; breathing masks or helmets <a href="#">A62B 18/00</a> ) }
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 ( <a href="#">A42B 3/24</a> 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 <a href="#">G10K 11/18</a> ; electric communication technique <a href="#">H04</a> )
A42B 3/303	...	{ Communication between riders or passengers }
A42B 3/306	...	{ Audio entertainment systems }
A42B 3/32	.	Collapsible helmets; Helmets made of separable parts ( <a href="#">A42B 3/04</a> 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 }
<b>A42B 5/00</b>		<b>Veils; Holders for veils</b>
<b>A42B 7/00</b>		<b>Fastening means for head coverings; Elastic cords; Ladies' hat fasteners ( hat-pins <a href="#">A44B 9/06</a> )</b>