

CPC**COOPERATIVE PATENT CLASSIFICATION****G02C**

SPECTACLES; SUNGLASSES OR GOGGLES INsofar AS THEY HAVE THE SAME FEATURES AS SPECTACLES; CONTACT LENSES (trial frames for testing the eyes [A61B 3/04](#); goggles or eyeshields not having the same features as spectacles [A61F 9/00](#))

NOTE

This subclass also covers monacles, pince-nez or lorgnettes.

G02C 1/00**Assemblies of lenses with bridges or browbars****G02C 1/02**

- Bridge or browbar secured to lenses without the use of rims

G02C 1/023

- • {with lenses secured to the fixing parts by clamping, luting, soldering, gluing without holes or recesses in the lenses ([G02C 1/04](#) - [G02C 1/08](#) take precedence)}

G02C 1/026

- • {with auxiliary bars ([G02C 1/04](#) - [G02C 1/08](#) take precedence)}

G02C 1/04

- Bridge or browbar secured to or integral with partial rims, e.g. with partially-flexible rim for holding lens

G02C 1/06

- Bridge or browbar secured to or integral with closed rigid rims for the lenses

G02C 1/08

- • the rims being transversely split and provided with securing means

G02C 1/10

- {Special mounting grooves in the rim or on the lens}

G02C 3/00**Special supporting arrangements for lens assemblies or monacles (lenses therefor [G02C 7/00](#); by walking-sticks [A45B 3/00](#))****G02C 3/003**

- {Arrangements for fitting and securing to the head in the position of use}

G02C 3/006

- {Arrangements for fitting and securing to the head or neck not in the position of use}

G02C 3/02

- Arrangements for supporting by headgear

G02C 3/04

- Arrangements for supporting by hand, e.g. lorgnette, Arrangements for supporting by articles ([by walking-sticks \[A45B 3/00\]\(#\)](#))

G02C 5/00**Construction of non-optical parts****G02C 5/001**

- {specially adapted for particular purposes, not otherwise provided for or not fully classifiable according to technical characteristics, e.g. therapeutic glasses}

G02C 5/003

- • {Shooting or aiming glasses}

G02C 5/005

- • {Glasses allowing access to one eye, e.g. for make-up application}

G02C 5/006

- {Collapsible frames}

G02C 5/008

- {Spectacles frames characterized by their material, material structure and material properties}

G02C 5/02

- Bridges; Browbars; Intermediate bars ([nose engaging-surfaces \[G02C 5/12\]\(#\)](#))

G02C 5/04

- • with adjustable means

G02C 5/045

- • • {for varying the horizontal distance of the lenses}

G02C 5/06

- • with resilient means

G02C 5/08

- • foldable

- G02C 5/10 . . Intermediate bars or bars between bridge and side-members
- G02C 5/12 . Nose pads; Nose-engaging surfaces of bridges or rims
- G02C 5/122 . . {with adjustable means}
- G02C 5/124 . . . {for vertically varying the position of the lenses}
- G02C 5/126 . . {exchangeable or otherwise fitted to the shape of the nose}
- G02C 5/128 . . {Pince-nez}
- G02C 5/14 . Side-members
- G02C 5/143 . . {having special ear pieces}
- G02C 5/146 . . {having special front end}
- G02C 5/16 . . resilient or with resilient parts
- G02C 5/18 . . reinforced
- G02C 5/20 . . adjustable, e.g. telescopic
- G02C 5/22 . Hinges ([pivotal connection in general F16C 11/00](#))
- G02C 5/2209 . . {Pivot bearings and hinge bolts other than screws}
- G02C 5/2218 . . {Resilient hinges}
- G02C 5/2227 . . . {comprising a fixed hinge member and a coil spring}
- G02C 5/2236 . . . {comprising a sliding hinge member and a coil spring}
- G02C 5/2245 {comprising a sliding box containing a spring}
- G02C 5/2254 . . . {comprising elastic means other than coil spring}
- G02C 5/2263 . . {Composite hinges, e.g. for varying the inclination of the lenses}
- G02C 5/2272 . . {Hinges without well-defined pivot axis}
- G02C 5/2281 . . {Special hinge screws}
- G02C 5/229 . . {Oblique hinge axis}

- G02C 7/00** **Optical parts** ([characterised by the material G02B 1/00](#))
- G02C 7/02 . Lenses; Lens systems; {Methods of designing lenses}
- G02C 7/021 . . {with pattern for identification or with cosmetic or therapeutic effects (methods and processes take preference, e.g. printing, marking or copying processes [B41M](#); identification in general [G09F 3/00](#); producing decorative effects in general [B44C](#); surface treatment of glass [C03C 15/00](#) - [C03C 23/00](#); positioning or marking of lenses [B24B 13/0055](#))}
- G02C 7/022 . . {Ophthalmic lenses having special refractive features achieved by special materials or material structures ([G02C 7/049](#) takes precedence)}
- G02C 7/024 . . {Methods of designing ophthalmic lenses}
- G02C 7/025 . . . {considering parameters of the viewed object}
- G02C 7/027 . . . {considering wearer's parameters}
- G02C 7/028 . . . {Special mathematical design techniques}
- G02C 7/04 . . Contact lenses for the eyes ([disinfection or sterilisation of contact lenses A61L 12/00](#))
- G02C 7/041 . . . {bifocal; multifocal}
- G02C 7/042 {Simultaneous type}
- G02C 7/043 {Translating type}

G02C 7/044 {Annular configuration, e.g. pupil tuned}
G02C 7/045 {Sectorial configuration}
G02C 7/046	. . . {Contact lenses having an iris pattern}
G02C 7/047	. . . {Contact lens fitting; Contact lenses for orthokeratology; Contact lenses for specially shaped corneae}
G02C 7/048	. . . {Means for stabilising the orientation of lenses in the eye}
G02C 7/049	. . . {Contact lenses having special fitting or structural features achieved by special materials or material structures}
G02C 7/06	. . bifocal; multifocal; {progressive (G02C 7/041 takes precedence)}
G02C 7/061	. . . {Spectacle lenses with progressively varying focal power}
G02C 7/063 {Shape of the progressive surface}
G02C 7/065 {Properties on the principal line}
G02C 7/066 {Shape, location or size of the viewing zones}
G02C 7/068 {Special properties achieved by the combination of the front and back surfaces}
G02C 7/08	. . Auxiliary lenses; Arrangements for varying focal length
G02C 7/081	. . . {Ophthalmic lenses with variable focal length}
G02C 7/083 {Electrooptic lenses}
G02C 7/085 {Fluid-filled lenses, e.g. electro-wetting lenses}
G02C 7/086	. . . {Auxiliary lenses located directly on a main spectacle lens or in the immediate vicinity of main spectacles}
G02C 7/088	. . . {Lens systems mounted to spectacles}
G02C 7/10	. Filter, e.g. for facilitating adaptation of the eyes to the dark; Sunglasses
G02C 7/101	. . {having an electro-optical light valve (electro-optical elements per se G02F)}
G02C 7/102	. . {Photochromic filters}
G02C 7/104	. . {having spectral characteristics for purposes other than sun-protection}
G02C 7/105	. . {having inhomogeneously distributed colouring}
G02C 7/107	. . {Interference colour filters}
G02C 7/108	. . {Colouring materials}
G02C 7/12	. . Polarisers
G02C 7/14	. . Mirrors; Prisms
G02C 7/16	. . Shades; shields; Obturators, e.g. with pinhole, with slot (G02C 5/003 takes precedence)}
G02C 7/165	. . {with stenopaeic apertures}
G02C 9/00	Attaching auxiliary optical parts (auxiliary optical parts per se G02C 7/08 - G02C 7/16)
G02C 9/02	. by hinging
G02C 9/04	. by fitting over or clamping on
G02C 11/00	Non-optical adjuncts; Attachment thereof (G02C 7/16 takes precedence)
G02C 11/02	. Ornaments, e.g. exchangeable

G02C 11/04	• Illuminating means
G02C 11/06	• Hearing aids (construction of hearing aids H04R 25/00)
G02C 11/08	• Anti-misting means, e.g. ventilating, heating (H05B 3/84 takes precedence); Wipers
G02C 11/10	• {Electronic devices other than hearing aids}
G02C 11/12	• {Side shields for protection of the eyes}
G02C 13/00	Assembling (producing spectacle frames from plastics or from substances in a plastic state B29D 12/02); Repairing; Cleaning (disinfection or sterilisation of contact lenses A61L 12/00)
G02C 13/001	• {Assembling; Repairing}
G02C 13/003	• {Measuring during assembly or fitting of spectacles}
G02C 13/005	• • {Measuring geometric parameters required to locate ophthalmic lenses in spectacles frames (apparatus for testing or instruments for examining the eyes per se A61B 3/00 ; machines or devices and accessories for grinding the edges of lenses using spectacles as a template B24B 9/144)}
G02C 13/006	• {Devices specially adapted for cleaning spectacles frame or lenses}
G02C 13/008	• {Devices specially adapted for cleaning contact lenses}
G02C 2200/00	Generic mechanical aspects applicable to one or more of the groups G02C 1/00 - G02C 5/00 and G02C 9/00 - G02C 13/00 and their subgroups
G02C 2200/02	• Magnetic means
G02C 2200/04	• Junctions between frame elements having a click function
G02C 2200/06	• Locking elements
G02C 2200/08	• Modular frames, easily exchangeable frame parts and lenses
G02C 2200/10	• Frame or frame portions made from wire
G02C 2200/12	• Frame or frame portions made from sheet type material
G02C 2200/14	• Laminated frame or frame portions
G02C 2200/16	• Frame or frame portions made from rubber
G02C 2200/18	• Adjustment ridges or notches
G02C 2200/20	• Friction elements
G02C 2200/22	• Leaf spring
G02C 2200/24	• Coil spring pulled upon actuation
G02C 2200/26	• Coil spring pushed upon actuation
G02C 2200/28	• Coil spring twisted upon actuation
G02C 2200/30	• Piston
G02C 2200/32	• Oblong hole
G02C 2202/00	Generic optical aspects applicable to one or more of the subgroups of G02C 7/00
G02C 2202/02	• Mislocation tolerant lenses or lens systems
G02C 2202/04	• Lenses comprising decentered structures
G02C 2202/06	• Special ophthalmologic or optometric aspects

- G02C 2202/08
 - Series of lenses, lens blanks
- G02C 2202/10
 - Optical elements and systems for visual disorders other than refractive errors, low vision
- G02C 2202/12
 - Locally varying refractive index, gradient index lenses
- G02C 2202/14
 - Photorefractive lens material
- G02C 2202/16
 - Laminated or compound lenses
- G02C 2202/18
 - Cellular lens surfaces
- G02C 2202/20
 - Diffractive and Fresnel lenses or lens portions
- G02C 2202/22
 - Correction of higher order and chromatic aberrations, wave front measurement and calculation
- G02C 2202/24
 - Myopia progression prevention