

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](#) to [G02C 1/08](#) take precedence)}

G02C 1/026

- . . {with auxiliary bars ([G02C 1/04](#) to [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 to 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 stenopaic apertures}
G02C 9/00	Attaching auxiliary optical parts (auxiliary optical parts per se G02C 7/08 to 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 ophtalmic 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 to G02C 5/00 and G02C 9/00 to 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