F	Sektion	SECTION F — MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING
F21	Untersektion	LIGHTING; HEATING
F21	Klasse	LIGHTING (electric aspects or elements, <u>see</u> section H, e.g. electric light
		sources H01J, H01K, H05B)
F21V	Unterklasse	FUNCTIONAL FEATURES OR DETAILS OF LIGHTING DEVICES OR SYSTEMS THEREOF; STRUCTURAL COMBINATIONS OF LIGHTING DEVICES WITH OTHER ARTICLES, NOT OTHERWISE PROVIDED FOR [1, 7]
		Details of those parts involved in light emission or distribution (optical elements or systems in general G02B)
F21V 1/00	Hauptgruppe	Shades
F21V 1/02	1-Punkt Untergruppe	. Frames
F21V 1/04	2-Punkt Untergruppe	rigid (F21V 1/08 takes precedence)
F21V 1/06	2-Punkt Untergruppe	foldable or collapsible
F21V 1/08	2-Punkt Untergruppe	adjustable
F21V 1/10	1-Punkt Untergruppe	. Rotating shades
F21V 1/12	1-Punkt Untergruppe	. Composite shades
F21V 1/14	1-Punkt Untergruppe	. Covers for frames; Frameless shades
F21V 1/16	2-Punkt Untergruppe	characterised by the material
F21V 1/18	3-Punkt Untergruppe	the material being paper
F21V 1/20	3-Punkt Untergruppe	the material being glass
F21V 1/22	3-Punkt Untergruppe	the material being plastics
F21V 1/24	3-Punkt Untergruppe	the material being metal
F21V 1/26	1-Punkt Untergruppe	. Manufacturing shades
F21V 3/00	Hauptgruppe	Globes; Bowls; Cover glasses (with refracting properties F21V 5/00; with reflecting properties F21V 7/00)
F21V 3/02	1-Punkt Untergruppe	. characterised by the shape
F21V 3/04	1-Punkt Untergruppe	. characterised by the material; characterised by surface treatments or coatings
F21V 5/00	Hauptgruppe	Refractors
F21V 5/02	1-Punkt Untergruppe	. of prismatic shape (F21V 5/04 takes precedence)
F21V 5/04	1-Punkt Untergruppe	. of lens shape
F21V 5/06	1-Punkt Untergruppe	. Hanging lustres for chandeliers
F21V 5/08	1-Punkt Untergruppe	. producing an asymmetric light distribution [1, 7]
F21V 7/00	Hauptgruppe	Reflectors
F21V 7/04	1-Punkt Untergruppe	. Optical design (F21V 7/22 takes precedence) [1, 7]
F21V 7/05	2-Punkt Untergruppe	plane [1, 7]

Symbol	Тур	Titel
F21V 7/06	2-Punkt Untergruppe	with parabolic curvature [1, 7]
F21V 7/07	2-Punkt Untergruppe	with hyperbolic curvature [1, 7]
F21V 7/08	2-Punkt Untergruppe	with elliptical curvature [1, 7]
F21V 7/09	2-Punkt Untergruppe	with a combination of different curvatures [1, 7]
F21V 7/10	1-Punkt Untergruppe	. Construction (F21V 7/22 takes precedence) [1, 7]
F21V 7/16	2-Punkt Untergruppe	with provision for adjusting the curvature [1, 7]
F21V 7/18	2-Punkt Untergruppe	with provision for folding or collapsing [1, 7]
F21V 7/20	2-Punkt Untergruppe	specially adapted for facilitating cooling, e.g. with fins (cooling by other means, e.g. fluid, F21V 29/00) [1, 7]
F21V 7/22	1-Punkt Untergruppe	. characterised by the material; characterised by surface treatments or coatings
F21V 8/00	Hauptgruppe	Use of light guides, e.g. fibre optic devices, in lighting devices or systems (light guides <u>per se</u> ,
		structural details of arrangements with other optical elements G02B 6/00) [4]
F21V 9/00	Hauptgruppe	Light filters (coloured shades F21V 1/00); Selection of luminescent materials for light screens (
		luminescent materials <u>per se</u> C09K 11/00; electroluminescent light sources <u>per se</u> H05B 33/00)
F21V 9/02	1-Punkt Untergruppe	. for simulating daylight (F21V 9/04, F21V 9/06, F21V 9/16 take precedence)
F21V 9/04	1-Punkt Untergruppe	. for filtering out infra-red radiation (using liquid-filled chambers F21V 9/12)
F21V 9/06	1-Punkt Untergruppe	. for filtering out ultra-violet radiation (F21V 9/16 takes precedence)
F21V 9/08	1-Punkt Untergruppe	. for producing coloured light, e.g. monochromatic; for reducing intensity of light (F21V 9/16 takes precedence)
F21V 9/10	2-Punkt Untergruppe	with provision for variation of the colour or intensity (F21V 9/12 takes precedence)
F21V 9/12	2-Punkt Untergruppe	with liquid-filled chambers
F21V 9/14	1-Punkt Untergruppe	. for producing polarised light
F21V 9/16	1-Punkt Untergruppe	. Selection of luminescent materials for light screens
F21V 11/00	Hauptgruppe	Screens not covered by groups F21V 1/00, F21V 3/00, F21V 7/00, F21V 9/00
F21V 11/02	1-Punkt Untergruppe	. using parallel laminae or strips, e.g. of Venetian-blind type (F21V 11/06 takes precedence)
F21V 11/04	2-Punkt Untergruppe	adjustable
F21V 11/06	1-Punkt Untergruppe	. using crossed laminae or strips; using lattices or honeycombs
F21V 11/08	1-Punkt Untergruppe	. using diaphragms containing one or more apertures
F21V 11/10	2-Punkt Untergruppe	of iris type
F21V 11/12	2-Punkt Untergruppe	of slot type
F21V 11/14	2-Punkt Untergruppe	with many small apertures
F21V 11/16	1-Punkt Untergruppe	. using sheets without apertures, e.g. fixed (F21V 11/02, F21V 11/06 take precedence)
F21V 11/18	2-Punkt Untergruppe	movable, e.g. flaps, slides
F21V 13/00	Hauptgruppe	Producing particular characteristics or distribution of the light emitted by means of a combination of elements specified in two or more of main groups F21V 1/00-F21V 11/00 (by means of a combination of two or more elements covered by a single one of main groups F21V 1/00-F21V

Symbol	Тур	Titel
		11/00, see the relevant group; changing the characteristics or distribution of the light emitted by
		adjustment of parts F21V 14/00) [1, 7]
F21V 13/02	1-Punkt Untergruppe	. Combinations of only two kinds of elements
F21V 13/04	2-Punkt Untergruppe	the elements being reflectors and refractors
F21V 13/06	3-Punkt Untergruppe	a reflector being rotatable
F21V 13/08	2-Punkt Untergruppe	the elements being reflectors and filters
F21V 13/10	2-Punkt Untergruppe	the elements being reflectors and screens
F21V 13/12	1-Punkt Untergruppe	. Combinations of only three kinds of elements
F21V 13/14	2-Punkt Untergruppe	the elements being reflectors, refractors, and filters
F21V 14/00	Hauptgruppe	Changing the characteristics or distribution of the light emitted by adjustment of parts (reflectors with provision for adjusting the curvature F21V 7/16; light filters with provision for variation of colour or intensity F21V 9/10; screens using iris-type diaphragms F21V 11/10; adjustable mountings for lighting devices F21V 21/14) [7]
F21V 14/02	1-Punkt Untergruppe	. by movement of light sources [7]
F21V 14/04	1-Punkt Untergruppe	. by movement of reflectors [7]
F21V 14/06	1-Punkt Untergruppe	. by movement of refractors [7]
F21V 14/08	1-Punkt Untergruppe	. by movement of screens [7]
		Details of those parts not involved in light emission or distribution, e.g. fittings
F21V 15/00	Hauptgruppe	Protecting lighting devices from damage (cooling or heating arrangements F21V 29/00; gas-tight or water-tight arrangements F21V 31/00)
F21V 15/01	1-Punkt Untergruppe	. Housings, e.g. material or assembling of housing parts (F21V 15/02 takes precedence) [7]
F21V 15/015	2-Punkt Untergruppe	Devices for covering joints between adjacent lighting devices; End coverings [7]
F21V 15/02	1-Punkt Untergruppe	. Cages
F21V 15/04	1-Punkt Untergruppe	. Resilient mountings, e.g. shock-absorbers (in general F16F 15/04)
F21V 15/06	1-Punkt Untergruppe	. Thermal insulation [7]
F21V 17/00	Hauptgruppe	Fastening of component parts of lighting devices, e.g. shades, globes, refractors, reflectors, filters, screens, grids or protective cages (of light sources or light holders F21V 19/00; gas-tight or water-tight arrangements F21V 31/00)
F21V 17/02	1-Punkt Untergruppe	. with provision for adjustment (F21V 17/04-F21V 17/08 take precedence; changing the characteristics or distribution of the light emitted by adjustment of parts F21V 14/00) [1, 7]
F21V 17/04	1-Punkt Untergruppe	. onto or by the light source
F21V 17/06	1-Punkt Untergruppe	. onto or by the lamp holder
F21V 17/08	1-Punkt Untergruppe	. onto the supporting or suspending arrangements of the lighting device, e.g. power cords, standards [7]
F21V 17/10	1-Punkt Untergruppe	. characterised by specific fastening means or way of fastening (F21V 17/02-F21V 17/08 take precedence) [7]
F21V 17/12	2-Punkt Untergruppe	by screwing [7]
F21V 17/14	2-Punkt Untergruppe	Bayonet-type fastening [7]
F21V 17/16	2-Punkt Untergruppe	by deformation of parts of the lighting device; Snap action mounting [7]

P21V 17/18 2-Funkt Untergruppe			. ==,=-
P21V 17/20	Symbol	Тур	Titel
Fastening of light sources or lamp holders (fastening electric light source solely by the coupling device HOLR 3300) 1 Punkt Untergruppe with provision for adjustment, e.g. for focusing (changing the characteristics or distribution of the light emitted by adjustment of parts F21V 14001 [1, 7] 1 Punkt Untergruppe with provision for changing light source, e.g. turnet 1 Punkt Untergruppe Fastening incandescent mantles or other incandescent bodies to lamp parts, Suspension devices for incandescent mantles or other incandescent bodies to lamp parts, Suspension devices for incandescent bodies (1, 7) 8 Suspersing, suspension, or attaching arrangements for lighting devices (F21V 17/00, F21V 19/00 take precedence; arrangement of signalling or lighting devices, the mounting or supporting apparatus or articles in general F16M 11/00); Hand grips (1, 7) 8 Punkt Untergruppe Fastening in a cable or suspension line (7) 8 Punkt Untergruppe Suspending from a cable or suspension line (7) 8 Punkt Untergruppe Suspending from a cable or suspension line (7) 8 Punkt Untergruppe Suspending from a cable or suspension line (7) 8 Punkt Untergruppe Suspending from a cable or suspension line (7) 8 Punkt Untergruppe Celling bases, e.g., celling roses (F21V 21/04 takes precedence) (7) 8 Punkt Untergruppe Suspending from a cable or suspension line (7) 8 Punkt Untergruppe Suspending from a cable or suspension line (7) 8 Punkt Untergruppe Suspending from a cable or suspension line (7) 8 Punkt Untergruppe Suspending from a cable or suspension line (7) 8 Punkt Untergruppe Suspending lamps; Fixing standards to the bases (F21V 21/06 takes precedence) (7) 8 Punkt Untergruppe Suspending from a cable or suspension line (7) 9 Punkt Untergruppe Suspending from a cable or suspension line (7) 1 Punkt Untergruppe Suspension from pass f	F21V 17/18	2-Punkt Untergruppe	Latch-type fastening, e.g. with rotary action [7]
4 switch provision for adjustment, e.g. for focusing (changing the characteristics or distribution of the light emitted by adjustment of parts F21V 14/000 [1, 7] F21V 13/00	F21V 17/20	2-Punkt Untergruppe	by toggle-action levers [7]
mitted by adjustment of parts F22V 14000 [1,7] 1-Punkt Untergruppe with provision for changing light source, e.g. turret F21V 1906 1-Punkt Untergruppe F21V 1906 Fastening incandescent mantles or other incandescent bodies [1,7] F21V 2100 Hauptgruppe Supporting, suspending, or attaching arrangements for lighting devices, (F21V 17/00, F21V 19/00 take precedence; arrangement of signalling or lighting devices, the mounting or supporting thereof or circuits therefor, for vehicles in general 1500; stands for supporting apparatus or articles in general F16M 11/00); Hand grips [1, 7] F21V 21/002 1-Punkt Untergruppe making direct electrical contact, e.g. by piecing (F21V 21/35 takes precedence) [7] F21V 21/003 1-Punkt Untergruppe for several lighting devices in an end-to-end arrangement, i.e. light tracks [7] F21V 21/004 1-Punkt Untergruppe Suspending from a coble or suspension line [7] F21V 21/005 1-Punkt Untergruppe Suspending from a coble or suspension line [7] F21V 21/004 2-Punkt Untergruppe Clining bases, e.g. celling bases, e.g. celling bases in F21V 21/04 takes precedence) [7] F21V 21/005 1-Punkt Untergruppe Bases for movable standing lamps; Fixing standards to the bases (F21V 21/08 takes precedence) F21V 21/08 1-Punkt Untergruppe Bases for movable standing lamps; Fixing standards to the bases (F21V 21/08 takes precedence) F21V 21/08 1-Punkt Untergruppe Bases for movable standing lamps; Fixing standards to the bases (F21V 21/08 takes precedence) F21V 21/08 1-Punkt Untergruppe Clips; Clamps [7] F21V 21/09 2-Punkt Untergruppe Clips; Clamps [7] F21V 21/09 2-Punkt Untergruppe Clips; Clamps [7] F21V 21/09 2-Punkt Untergruppe F21V 21/04 2-Punkt Untergruppe F21V	F21V 19/00	Hauptgruppe	
P2IV 1906 1-Punkt Untergruppe incandescent mantles or other incandescent bodies to lamp parts; Suspension devices for incandescent mantles or other incandescent bodies (1, 7) **Supporting, suspending, or attaching arrangements for lighting devices (F2IV 17/00, F2IV 19/00 take pracedence; arrangement of signalling or lighting devices, the mounting or supporting thereof or circuits therefor, for vehicles in general B600; stands for supporting apparatus or articles in general F16M 12/00); Hand grips (1, 7) **Party 12/002 1-Punkt Untergruppe in for several lighting devices in an end-to-end arrangement, i.e. light tracks (7) **Party 12/003 1-Punkt Untergruppe in for several lighting devices in an end-to-end arrangement, i.e. light tracks (7) **Party 12/002 1-Punkt Untergruppe in for several lighting devices in an end-to-end arrangement, i.e. light tracks (7) **Party 12/003 1-Punkt Untergruppe in for several lighting devices in an end-to-end arrangement, i.e. light tracks (7) **Party 12/003 1-Punkt Untergruppe in for several lighting devices in an end-to-end arrangement, i.e. light tracks (7) **Party 12/003 1-Punkt Untergruppe in for several lighting devices in an end-to-end arrangement, i.e. light tracks (7) **Party 12/004 1-Punkt Untergruppe in for several lighting devices (7) **Party 12/005 1-Punkt Untergruppe in for several lighting devices (7) **Party 12/008 1-Punkt Untergruppe in for several lighting devices (7) **Party 12/009 1-Punkt Untergruppe in for several lighting devices (7) **Party 12/009 1-Punkt Untergruppe in for several lighting devices (7) **Party 12/009 1-Punkt Untergruppe in for several lighting devices (7) **Party 12/009 1-Punkt Untergruppe in for several lighting devices (7) **Party 12/009 1-Punkt Untergruppe in for several lighting devices (7) **Party 12/009 1-Punkt Untergruppe in for several lighting devices to pendants (F2IV 21/002 takes precedence) (7) **Party 12/009 1-Punkt Untergruppe in for several lighting devices to pendants (F2IV 21/002 takes precedence) (7) **Party 1	F21V 19/02	1-Punkt Untergruppe	
F21V 21/00 Hauptgruppe Supporting, suspending, or attaching arrangement of lighting devices (F21V 17/00, F21V 19/00 tate precedence; arrangement of signalling or lighting devices, the mounting or supporting thereof or circuits therefor, for vehicles in general B600; stands for supporting apparatus or articles in general F16M 11/00); Hand grips [1, 7] F21V 21/002 1-Punkt Untergruppe . making direct electrical contact, e.g., by piercing (F21V 21/35 takes precedence) [7] F21V 21/003 1-Punkt Untergruppe . Suspending from a cable or suspension line [7] F21V 21/002 1-Punkt Untergruppe . Suspending from a cable or suspension line [7] F21V 21/003 2-Punkt Untergruppe . Ceiling bases, e.g., ceiling roses (F21V 21/04 takes precedence) [7] F21V 21/004 2-Punkt Untergruppe . Recessed bases F21V 21/004 1-Punkt Untergruppe . Bases for movable standing lamps; Fixing standards to the bases (F21V 21/08 takes precedence) F21V 21/004 1-Punkt Untergruppe . Devices for easy attachment to a desired place F21V 21/004 2-Punkt Untergruppe . Devices for easy attachment to a desired place F21V 21/004 2-Punkt Untergruppe . Clips; Clamps [7] F21V 21/005 2-Punkt Untergruppe . Suction devices [7] F21V 21/006 2-Punkt Untergruppe . Suction devices [7] F21V 21/006 2-Punkt Untergruppe . Magnetic devices [7] F21V 21/100 1-Punkt Untergruppe . Magnetic devices [7] F21V 21/100 2-Punkt Untergruppe . Pendants, arms, or standards; Fixing lighting devices to pendants, arms, or standards (adjustable mounting F21V 21/100 2-Punkt Untergruppe . Fixing lighting devices to pendants (F21V 21/002 takes precedence) [7] F21V 21/101 2-Punkt Untergruppe . Fixing lighting devices to pendants (F21V 21/002 takes precedence) [7] F21V 21/101 2-Punkt Untergruppe . Fixing lighting devices to arms or standards (F21V 21/002 takes precedence) [7] F21V 21/11 2-Punkt Untergruppe . Spring-loaded poles fixed at both ends [7] F21V 21/11 1-Punkt Untergruppe . Adjustable mountings F21V 21/11 1-Punkt Untergruppe . Spring-loaded poles fixed at both ends [7]	F21V 19/04	1-Punkt Untergruppe	. with provision for changing light source, e.g. turret
take precedence; arrangement of signalling or lighting devices, the mounting or supporting thereof or circuits therefore, for vehicles in general B600; stands for supporting apparatus or articles in general F16M 11/00); Hand grips (1, 7) 1-Punkt Untergruppe	F21V 19/06	1-Punkt Untergruppe	
1-Punkt Untergruppe . for several lighting devices in an end-to-end arrangement, i.e. light tracks [7] 1-Punkt Untergruppe . Suspending from a cable or suspension line [7] 1-Punkt Untergruppe . Wall, ceiling, or floor bases; Fixing pendants or arms to the bases (F21V 21/08 takes precedence; bases for movable standing lamps F21V 21/06) 2-Punkt Untergruppe Ceiling bases, e.g. ceiling roses (F21V 21/04 takes precedence) [7] 1-Punkt Untergruppe Recessed bases 1-Punkt Untergruppe . Bases for movable standing lamps; Fixing standards to the bases (F21V 21/08 takes precedence) 1-Punkt Untergruppe . Devices for easy attachment to a desired place 1-Punkt Untergruppe Head fittings (for medical purposes A618 1/06) [7] 1-Punkt Untergruppe Clips; Clamps [7] 1-Punkt Untergruppe Suction devices [7] 1-Punkt Untergruppe Magnetic devices [7] 1-Punkt Untergruppe Magnetic devices [7] 1-Punkt Untergruppe . Pendants, arms, or standards; Fixing lighting devices to pendants, arms, or standards (adjustable mounting F21V 21/104 1-Punkt Untergruppe Pendants [7] 1-Punkt Untergruppe Fixing lighting devices to pendants (F21V 21/002 takes precedence) [7] 1-Punkt Untergruppe Fixing lighting devices to pendants (F21V 21/002 takes precedence) [7] 1-Punkt Untergruppe Fixing lighting devices to arms or standards (F21V 21/002 takes precedence) [7] 1-Punkt Untergruppe Fixing lighting devices to arms or standards (F21V 21/002 takes precedence) [7] 1-Punkt Untergruppe	F21V 21/00	Hauptgruppe	take precedence; arrangement of signalling or lighting devices, the mounting or supporting thereof or circuits therefor, for vehicles in general B60Q; stands for supporting apparatus or
1-Punkt Untergruppe . Suspending from a cable or suspension line [7] 1-Punkt Untergruppe . Wall, ceiling, or floor bases; Fixing pendants or arms to the bases (F21V 21/08 takes precedence; bases for movable standing lamps F21V 21/06) 2-Punkt Untergruppe Ceiling bases, e.g., ceiling roses (F21V 21/04 takes precedence) [7] F21V 21/04 2-Punkt Untergruppe Recessed bases F21V 21/06 1-Punkt Untergruppe Bases for movable standing lamps; Fixing standards to the bases (F21V 21/08 takes precedence) F21V 21/08 1-Punkt Untergruppe Devices for easy attachment to a desired place F21V 21/08 2-Punkt Untergruppe Head fittings (for medical purposes A61B 1/06) [7] F21V 21/08 2-Punkt Untergruppe Clips: Clamps [7] F21V 21/092 2-Punkt Untergruppe Suction devices [7] F21V 21/093 2-Punkt Untergruppe Magnetic devices [7] F21V 21/10 1-Punkt Untergruppe Pendants, arms, or standards; Fixing lighting devices to pendants, arms, or standards (adjustable mounting F21V 21/10 2-Punkt Untergruppe Fendants [7] F21V 21/10 2-Punkt Untergruppe Fixing lighting devices to pendants (F21V 21/002 takes precedence) [7] F21V 21/11 2-Punkt Untergruppe Fixing lighting devices to pendants (F21V 21/002 takes precedence) [7] F21V 21/11 2-Punkt Untergruppe Fixing lighting devices to arms or standards (F21V 21/002 takes precedence) [7] F21V 21/11 2-Punkt Untergruppe Fixing lighting devices to arms or standards (F21V 21/002 takes precedence) [7] F21V 21/11 2-Punkt Untergruppe	F21V 21/002	1-Punkt Untergruppe	. making direct electrical contact, e.g. by piercing (F21V 21/35 takes precedence) [7]
1-Punkt Untergruppe . Wall, ceiling, or floor bases; Fixing pendants or arms to the bases (F21V 21/08 takes precedence; bases for movable standing lamps F21V 21/04 takes precedence) [7] F21V 21/04 2-Punkt Untergruppe . Recessed bases F21V 21/06 1-Punkt Untergruppe . Bases for movable standing lamps; Fixing standards to the bases (F21V 21/08 takes precedence) F21V 21/08 1-Punkt Untergruppe . Devices for easy attachment to a desired place F21V 21/084 2-Punkt Untergruppe . Head fittings (for medical purposes A61B 1/06) [7] F21V 21/088 2-Punkt Untergruppe . Clips; Clamps [7] F21V 21/098 2-Punkt Untergruppe . Suction devices [7] F21V 21/096 2-Punkt Untergruppe . Magnetic devices [7] F21V 21/109 1-Punkt Untergruppe . Pendants, arms, or standards; Fixing lighting devices to pendants, arms, or standards (adjustable mounting F21V 21/104 2-Punkt Untergruppe . Pendants [7] F21V 21/104 2-Punkt Untergruppe . Arms [7] F21V 21/105 2-Punkt Untergruppe . Fixing lighting devices to pendants (F21V 21/002 takes precedence) [7] F21V 21/106 2-Punkt Untergruppe . Fixing lighting devices to answer or standards (F21V 21/002 takes precedence) [7] F21V 21/110 2-Punkt Untergruppe . Fixing lighting devices to arms or standards (F21V 21/002 takes precedence) [7] F21V 21/110 2-Punkt Untergruppe . Capable of being elongated or shortened by the insertion or removal of intermediate pieces F21V 21/114 1-Punkt Untergruppe . Spring-loaded poles fixed at both ends [7] F21V 21/114 1-Punkt Untergruppe . Specially adapted for power operation, e.g. by remote control [7]	F21V 21/005	1-Punkt Untergruppe	. for several lighting devices in an end-to-end arrangement, i.e. light tracks [7]
movable standing lamps F21V 21/06 2-Punkt Untergruppe Ceiling bases, e.g. ceiling roses (F21V 21/04 takes precedence) [7] 5-21V 21/04 2-Punkt Untergruppe Recessed bases F21V 21/06 1-Punkt Untergruppe Bases for movable standing lamps; Fixing standards to the bases (F21V 21/08 takes precedence) F21V 21/08 1-Punkt Untergruppe Devices for easy attachment to a desired place F21V 21/08 2-Punkt Untergruppe Head fittings (for medical purposes A61B 1/06) [7] F21V 21/08 2-Punkt Untergruppe Clips; Clamps [7] F21V 21/09 2-Punkt Untergruppe Suction devices [7] F21V 21/09 2-Punkt Untergruppe Magnetic devices [7] F21V 21/10 1-Punkt Untergruppe Pendants, arms, or standards; Fixing lighting devices to pendants, arms, or standards (adjustable mounting F21V 21/104 2-Punkt Untergruppe Pendants [7] F21V 21/104 2-Punkt Untergruppe Arms [7] F21V 21/105 2-Punkt Untergruppe Fixing lighting devices to pendants (F21V 21/002 takes precedence) [7] F21V 21/112 2-Punkt Untergruppe Fixing lighting devices to arms or standards (F21V 21/002 takes precedence) [7] F21V 21/12 2-Punkt Untergruppe capable of being elongated or shortened by the insertion or removal of intermediate pieces F21V 21/13 1-Punkt Untergruppe Spring-loaded poles fixed at both ends [7] F21V 21/14 1-Punkt Untergruppe Adjustable mountings F21V 21/15 2-Punkt Untergruppe Spring-loaded poles fixed at both ends [7] F21V 21/15 2-Punkt Untergruppe Spring-loaded poles fixed at both ends [7]	F21V 21/008	1-Punkt Untergruppe	. Suspending from a cable or suspension line [7]
2-Punkt Untergruppe Recessed bases 1-Punkt Untergruppe Bases for movable standing lamps; Fixing standards to the bases (F21V 21/08 takes precedence) 1-Punkt Untergruppe Devices for easy attachment to a desired place 1-Punkt Untergruppe Head fittings (for medical purposes A61B 1/06) [7] 2-Punkt Untergruppe Clips; Clamps [7] 2-Punkt Untergruppe Suction devices [7] 2-Punkt Untergruppe Magnetic devices [7] 2-Punkt Untergruppe Pendants, arms, or standards; Fixing lighting devices to pendants, arms, or standards (adjustable mounting F21V 21/10	F21V 21/02	1-Punkt Untergruppe	
1-Punkt Untergruppe . Bases for movable standing lamps; Fixing standards to the bases (F21V 21/08 takes precedence) 1-Punkt Untergruppe . Devices for easy attachment to a desired place F21V 21/084 2-Punkt Untergruppe Head fittings (for medical purposes A61B 1/06) [7] F21V 21/088 2-Punkt Untergruppe Clips; Clamps [7] F21V 21/098 2-Punkt Untergruppe Suction devices [7] F21V 21/096 2-Punkt Untergruppe Magnetic devices [7] F21V 21/10 1-Punkt Untergruppe . Pendants, arms, or standards; Fixing lighting devices to pendants, arms, or standards (adjustable mounting F21V 21/104 2-Punkt Untergruppe . Pendants [7] F21V 21/104 2-Punkt Untergruppe . Arms [7] F21V 21/108 2-Punkt Untergruppe . Fixing lighting devices to pendants (F21V 21/002 takes precedence) [7] F21V 21/112 2-Punkt Untergruppe . Fixing lighting devices to arms or standards (F21V 21/002 takes precedence) [7] F21V 21/12 2-Punkt Untergruppe Capable of being elongated or shortened by the insertion or removal of intermediate pieces F21V 21/13 1-Punkt Untergruppe . Adjustable mountings F21V 21/14 1-Punkt Untergruppe . Specially adapted for power operation, e.g. by remote control [7]	F21V 21/03	2-Punkt Untergruppe	Ceiling bases, e.g. ceiling roses (F21V 21/04 takes precedence) [7]
1-Punkt Untergruppe . Devices for easy attachment to a desired place 1-Punkt Untergruppe . Head fittings (for medical purposes A61B 1/06) [7] 2-Punkt Untergruppe . Clips; Clamps [7] 2-Punkt Untergruppe . Suction devices [7] 2-Punkt Untergruppe . Magnetic devices [7] 1-Punkt Untergruppe . Pendants, arms, or standards; Fixing lighting devices to pendants, arms, or standards (adjustable mounting F21V 21/10	F21V 21/04	2-Punkt Untergruppe	Recessed bases
2-Punkt Untergruppe Head fittings (for medical purposes A61B 1/06) [7] 2-Punkt Untergruppe Clips; Clamps [7] 2-Punkt Untergruppe Suction devices [7] 2-Punkt Untergruppe Magnetic devices [7] 1-Punkt Untergruppe Pendants, arms, or standards; Fixing lighting devices to pendants, arms, or standards (adjustable mounting F21V 21/10	F21V 21/06	1-Punkt Untergruppe	. Bases for movable standing lamps; Fixing standards to the bases (F21V 21/08 takes precedence)
2-Punkt Untergruppe Clips; Clamps [7] 2-Punkt Untergruppe Suction devices [7] 2-Punkt Untergruppe Magnetic devices [7] 2-Punkt Untergruppe Magnetic devices [7] 2-Punkt Untergruppe Magnetic devices [7] 2-Punkt Untergruppe Pendants, arms, or standards; Fixing lighting devices to pendants, arms, or standards (adjustable mounting F21V 21/10	F21V 21/08	1-Punkt Untergruppe	. Devices for easy attachment to a desired place
2-Punkt Untergruppe Suction devices [7] 2-Punkt Untergruppe Magnetic devices [7] 1-Punkt Untergruppe Magnetic devices [7] 1-Punkt Untergruppe Pendants, arms, or standards; Fixing lighting devices to pendants, arms, or standards (adjustable mounting F21V 21/104 construction of posts not peculiar to use with lighting devices E04H 12/00) 2-Punkt Untergruppe Pendants [7] 2-Punkt Untergruppe Arms [7] 2-Punkt Untergruppe Fixing lighting devices to pendants (F21V 21/002 takes precedence) [7] 2-Punkt Untergruppe Fixing lighting devices to arms or standards (F21V 21/002 takes precedence) [7] 2-Punkt Untergruppe capable of being elongated or shortened by the insertion or removal of intermediate pieces 1-Punkt Untergruppe Spring-loaded poles fixed at both ends [7] 1-Punkt Untergruppe Adjustable mountings 2-Punkt Untergruppe specially adapted for power operation, e.g. by remote control [7]	F21V 21/084	2-Punkt Untergruppe	Head fittings (for medical purposes A61B 1/06) [7]
2-Punkt Untergruppe Magnetic devices [7] 1-Punkt Untergruppe Pendants, arms, or standards; Fixing lighting devices to pendants, arms, or standards (adjustable mounting F21V 21/104	F21V 21/088	2-Punkt Untergruppe	Clips; Clamps [7]
1-Punkt Untergruppe Pendants, arms, or standards; Fixing lighting devices to pendants, arms, or standards (adjustable mounting F21V 21/104 Pendants [7] 2-Punkt Untergruppe Pendants [7] 3-Punkt Untergruppe Pendants [7] 4-Punkt Untergruppe Pendants [7] 5-Punkt Untergruppe Pendants [7] 1-Punkt Untergruppe Pendants [7] 4-Punkt Untergruppe Pendants [7] 5-Punkt Untergruppe Pendants [7] 4-Punkt Untergruppe Pendants [7] 5-Punkt Untergruppe Pendants [7] 6-Punkt Untergruppe Pendants [7] 7-Punkt Untergruppe Pendants [7] 8-Punkt Untergruppe Pendants [7] 9-Punkt Untergruppe Pen	F21V 21/092	2-Punkt Untergruppe	Suction devices [7]
F21V 21/14; construction of posts not peculiar to use with lighting devices E04H 12/00) F21V 21/104 2-Punkt Untergruppe . Arms [7] 2-Punkt Untergruppe . Fixing lighting devices to pendants (F21V 21/002 takes precedence) [7] F21V 21/112 2-Punkt Untergruppe . Fixing lighting devices to arms or standards (F21V 21/002 takes precedence) [7] F21V 21/12 2-Punkt Untergruppe . capable of being elongated or shortened by the insertion or removal of intermediate pieces F21V 21/13 1-Punkt Untergruppe . Spring-loaded poles fixed at both ends [7] 1-Punkt Untergruppe . Adjustable mountings 2-Punkt Untergruppe . specially adapted for power operation, e.g. by remote control [7]	F21V 21/096	2-Punkt Untergruppe	Magnetic devices [7]
2-Punkt Untergruppe Arms [7] 2-Punkt Untergruppe Fixing lighting devices to pendants (F21V 21/002 takes precedence) [7] 2-Punkt Untergruppe Fixing lighting devices to arms or standards (F21V 21/002 takes precedence) [7] 2-Punkt Untergruppe capable of being elongated or shortened by the insertion or removal of intermediate pieces 2-Punkt Untergruppe Spring-loaded poles fixed at both ends [7] 1-Punkt Untergruppe Adjustable mountings 2-Punkt Untergruppe specially adapted for power operation, e.g. by remote control [7]	F21V 21/10	1-Punkt Untergruppe	
2-Punkt Untergruppe Fixing lighting devices to pendants (F21V 21/002 takes precedence) [7] 2-Punkt Untergruppe Fixing lighting devices to arms or standards (F21V 21/002 takes precedence) [7] 2-Punkt Untergruppe capable of being elongated or shortened by the insertion or removal of intermediate pieces 2-Punkt Untergruppe Spring-loaded poles fixed at both ends [7] 1-Punkt Untergruppe Adjustable mountings 2-Punkt Untergruppe specially adapted for power operation, e.g. by remote control [7]	F21V 21/104	2-Punkt Untergruppe	Pendants [7]
2-Punkt Untergruppe Fixing lighting devices to arms or standards (F21V 21/002 takes precedence) [7] 2-Punkt Untergruppe capable of being elongated or shortened by the insertion or removal of intermediate pieces 1-Punkt Untergruppe Spring-loaded poles fixed at both ends [7] 1-Punkt Untergruppe Adjustable mountings 2-Punkt Untergruppe specially adapted for power operation, e.g. by remote control [7]	F21V 21/108	2-Punkt Untergruppe	Arms [7]
2-Punkt Untergruppe capable of being elongated or shortened by the insertion or removal of intermediate pieces 1-Punkt Untergruppe Spring-loaded poles fixed at both ends [7] 1-Punkt Untergruppe Adjustable mountings 7-21V 21/15 2-Punkt Untergruppe specially adapted for power operation, e.g. by remote control [7]	F21V 21/112	2-Punkt Untergruppe	Fixing lighting devices to pendants (F21V 21/002 takes precedence) [7]
1-Punkt Untergruppe . Spring-loaded poles fixed at both ends [7] 1-Punkt Untergruppe . Adjustable mountings F21V 21/15 2-Punkt Untergruppe specially adapted for power operation, e.g. by remote control [7]	F21V 21/116	2-Punkt Untergruppe	Fixing lighting devices to arms or standards (F21V 21/002 takes precedence) [7]
1-Punkt Untergruppe . Adjustable mountings 2-Punkt Untergruppe specially adapted for power operation, e.g. by remote control [7]	F21V 21/12	2-Punkt Untergruppe	capable of being elongated or shortened by the insertion or removal of intermediate pieces
F21V 21/15 2-Punkt Untergruppe specially adapted for power operation, e.g. by remote control [7]	F21V 21/13	1-Punkt Untergruppe	. Spring-loaded poles fixed at both ends [7]
	F21V 21/14	1-Punkt Untergruppe	. Adjustable mountings
F21V 21/16 2-Punkt Untergruppe using wires or cords	F21V 21/15	2-Punkt Untergruppe	specially adapted for power operation, e.g. by remote control [7]
	F21V 21/16	2-Punkt Untergruppe	using wires or cords

Symbol	Тур	Titel
F21V 21/18	3-Punkt Untergruppe	operated by springs
F21V 21/20	3-Punkt Untergruppe	operated by weights
F21V 21/22	2-Punkt Untergruppe	telescopic
F21V 21/24	2-Punkt Untergruppe	Lazy-tongs
F21V 21/26	2-Punkt Untergruppe	Pivoted arms
F21V 21/28	3-Punkt Untergruppe	adjustable in more than one plane
F21V 21/29	4-Punkt Untergruppe	employing universal joints
F21V 21/30	2-Punkt Untergruppe	Pivoted housings or frames
F21V 21/32	2-Punkt Untergruppe	Flexible tubes
F21V 21/34	1-Punkt Untergruppe	. Supporting elements displaceable along a guiding element
F21V 21/35	2-Punkt Untergruppe	with direct electrical contact between the supporting element and electric conductors running along the guiding element [7]
F21V 21/36	1-Punkt Untergruppe	. Hoisting or lowering devices, e.g. for maintenance (F21V 21/14 takes precedence)
F21V 21/38	2-Punkt Untergruppe	with a cable
F21V 21/40	1-Punkt Untergruppe	. Hand grips [7]
F21V 23/00	Hauptgruppe	Arrangement of electric circuit elements in or on lighting devices (electric circuits <u>per se</u> H05B 39/00)
F21V 23/02	1-Punkt Untergruppe	. the elements being transformers or impedances
F21V 23/04	1-Punkt Untergruppe	. the elements being switches (safety devices F21V 25/00)
F21V 23/06	1-Punkt Untergruppe	. the elements being coupling devices
F21V 25/00	Hauptgruppe	Safety devices structurally associated with lighting devices (gas-tight or water-tight arrangements F21V 31/00; in general F16P; protective circuit arrangements per seH02H 7/00)
F21V 25/02	1-Punkt Untergruppe	. coming into action when lighting device is disturbed, dismounted, or broken
F21V 25/04	2-Punkt Untergruppe	breaking the electric circuit
F21V 25/06	2-Punkt Untergruppe	feeding a quenching fluid to the light source
F21V 25/08	2-Punkt Untergruppe	cutting the incandescent filament
F21V 25/10	1-Punkt Untergruppe	. coming into action when lighting device is over-loaded, e.g. thermal switch
F21V 25/12	1-Punkt Untergruppe	. Flameproof or explosion-proof arrangements
F21V 27/00	Hauptgruppe	Cable-stowing arrangements structurally associated with lighting devices, e.g. reels (storing lengths of cable in general B65H)
F21V 27/02	1-Punkt Untergruppe	. Cable inlets [7]
F21V 29/00	Hauptgruppe	Cooling or heating arrangements (air-treatment systems with air-flow over lighting fixtures F24F 3/056; lighting fixtures combined with outlets for air-treatment systems F24F 13/078) [1, 7]
F21V 29/02	1-Punkt Untergruppe	. Cooling by forcing air over or around the light source (cooling arrangements structurally associated with electric lamps H01J 61/52, H01K 1/58) [7]
F21V 31/00	Hauptgruppe	Gas-tight or water-tight arrangements

Symbol	Тур	Titel
F21V 31/03	1-Punkt Untergruppe	. with provision for venting [7]
F21V 31/04	1-Punkt Untergruppe	. Provision of filling media (safety devices F21V 25/00; cooling arrangements F21V 29/00)
F21V 33/00	Hauptgruppe	Structural combinations of lighting devices with other articles, not otherwise provided for [1, 7]
F21V 35/00	Hauptgruppe	Candle holders
F21V 36/00	Hauptgruppe	Arrangements of mantles or other incandescent bodies on burners (attaching to lamp parts F21V 19/06)
F21V 36/02	1-Punkt Untergruppe	. in ceiling lamps
F21V 37/00	Hauptgruppe	Details of lighting devices employing combustion as light source, not otherwise provided for [1, 7]
F21V 37/02	1-Punkt Untergruppe	. Special adaptation for protection against draughts [7]
F21V 99/00	Hauptgruppe	Subject matter not provided for in other groups of this subclass [2006.01]