

# CPC COOPERATIVE PATENT CLASSIFICATION

## G PHYSICS (NOTES omitted)

### INSTRUMENTS

## G09 EDUCATION; CRYPTOGRAPHY; DISPLAY; ADVERTISING; SEALS

**G09F** **DISPLAYING; ADVERTISING; SIGNS; LABELS OR NAME-PLATES; SEALS** (display cases [A47F](#); designs or pictures characterised by special or unusual effects, e.g. changing [B44F 1/00](#); disposition of road signs or traffic signals [E01F 9/00](#); lighting in general [F21](#); arrangements for controlling light beams [G02F 1/00](#); visible signalling arrangements or devices [G08B 5/00](#); traffic control systems [G08G](#); arrangements or circuits for control of indicating devices using static means to present variable information [G09G](#), {[G06F 3/14](#)}; static indicating arrangements comprising integral associations of a plurality of light sources [H01J](#), [H01K](#), [H01L](#), [H05B 33/12](#))

### NOTES

1. In this subclass, the following term is used with the meaning indicated :
  - "sign" designates a mark or indication serving to make something recognisable, the information presented being non-varying, even if it is flashing; by way of example it covers, therefore, advertising hoardings, or luminous, or light reflecting, safety arrangements.
2. Attention is drawn to the Notes following the titles of class [B81](#) and subclass [B81B](#) relating to "microstructural devices" and "microstructural systems".

### WARNING

In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

<b>1/00</b>	<b>Cardboard or like show-cards of foldable or flexible material</b>	2003/0204	. . . {Tax-disc}
		2003/0205	. . . {Coupon}
1/02	. Single substantially flat cards	2003/0207	. . . {Ticket}
1/04	. Folded cards	2003/0208	. . {Indicia}
1/06	. . to be erected in three dimensions ( <a href="#">G09F 1/08</a> takes precedence)	2003/021	. . . {Indicia behind the front foil}
		2003/0211	. . . {Transfer or thermo-sensitive}
1/065	. . . {Totem-like displays; Portable collapsible columnar displays}	2003/0213	. . . {Concealed data}
		2003/0214	. . {Stock management}
1/08	. wholly or partly imitating the form of an object, e.g. of the article to be advertised	2003/0216	. . . {for containers}
		2003/0217	. . . {for envelopes}
2001/085	. . {actuated by a sliding tongue}	2003/0219	. . . {to keep record of the use of a product}
1/10	. Supports or holders for show-cards	2003/022	. . . {Shipment}
1/103	. . {using suspension clamps}	2003/0222	. . {Features for removal or adhesion, e.g. tabs}
2001/106	. . {made of metal}	2003/0223	. . {recyclable}
1/12	. . Frames therefor	2003/0225	. . {Carrier web}
1/14	. . in the form of legs	2003/0226	. . . {Carrier sheet}
		2003/0227	. . . {Carrier strip}
<b>3/00</b>	<b>Labels, tag tickets, or similar identification or indication means</b> (medals or badges <a href="#">A44C 3/00</a> ; making labels <a href="#">B31D 1/02</a> ; sheets temporarily attached together <a href="#">B42F</a> ; labelling <a href="#">B65C</a> ; labels on record carriers <a href="#">G11B 23/38</a> , <a href="#">G11B 23/40</a> ); <b>Seals; Postage or like stamps</b>	2003/0229	. . . {Carrier roll}
		2003/023	. . {Adhesive}
		2003/0232	. . . {Resistance to heat}
		2003/0233	. . . {Resistance to humidity}
		2003/0235	. . . {Resistance to chemicals}
3/005	. {Identification bracelets, e.g. secured to the arm of a person}	2003/0236	. . . {Permeability}
		2003/0238	. . . {Stress resistant}
3/02	. Forms or constructions (layered products <a href="#">B32B</a> )	2003/0239	. . . {Permanent adhesive}
2003/0201	. . {Label sheets intended to be introduced in a printer, e.g. laser printer}	2003/0241	. . . {Repositionable or pressure sensitive adhesive}
2003/0202	. . {printed before use}	2003/0242	. . . {Adhesive soluble in water}

2003/0244	. . . {Adhesive soluble in chemicals}	3/0317	. . . . {having bolt like sealing means (means for preventing relative axial movement of a pin, spigot, shaft or the like and a member surrounding it <a href="#">F16B 21/00</a> )}
2003/0245	. . . {Differential adhesive strength}	3/0323	. . . . {having clamp-like sealing means}
2003/0247	. . . {Non-strippable anti-stick coatings}	3/0329	. . . . {having electronic sealing means}
2003/0248	. . . {Variable density of distribution of adhesive spots}	3/0335	. . . . {using RFID tags}
2003/025	. . . {Activatable adhesive}	3/0341	. . . . {having label sealing means}
2003/0251	. . {Sleeve shaped label, i.e. wrapped around a device}	3/0347	. . . . {having padlock-type sealing means (padlocks in general <a href="#">E05B 67/00</a> )}
2003/0252	. . {associated with a leaflet}	3/0352	. . . . {using cable lock}
2003/0254	. . {Luggage tag}	3/0358	. . . . {using a rigid hasp lock}
2003/0255	. . {laminated}	3/0364	. . . . {having rotary sealing means}
2003/0257	. . {Multilayer}	3/037	. . . . {having tie-wrap sealing means}
2003/0258	. . . {without carrier}	3/0376	. . . {using a special technique to detect tampering, e.g. by ultrasonic or optical means}
2003/026	. . . {without silicon backing}	3/0382	. . . {Seals with transparent casing}
2003/0261	. . . {encapsulated in polymer}	3/0388	. . . . {With semi-transparent casing}
2003/0263	. . . {Different patterns for carrier web and label web}	3/0394	. . . {with violation indication by generating a random number (random number generators <a href="#">G06F 7/58</a> , <a href="#">G07C 15/00</a> )}
2003/0264	. . {Shapes or borders}	3/04	. to be fastened or secured by the material of the label itself, e.g. by thermo-adhesion (by a separate adhesive layer <a href="#">G09F 3/10</a> )
2003/0266	. . . {Shapes other than rectangular}	3/06	. . by clamping action (by separate clamps <a href="#">G09F 3/16</a> )
2003/0267	. . . {die cut}	3/08	. Fastening or securing by means not forming part of the material of the label itself
2003/0269	. . . {perforated}	3/10	. . by an adhesive layer
2003/027	. . {used to hang up an item, e.g. a perfusion bottle}	3/12	. . by pins, staples, or the like
2003/0272	. . {Labels for containers}	3/14	. . by strings, straps, chains, or wires
2003/0273	. . . {Labels for bottles, flasks}	3/16	. . by clamps
2003/0275	. . . {Shock absorbing labels}	3/18	. . Casings, frames or enclosures for labels
2003/0276	. . {Safety features, e.g. colour, prominent part, logo}	3/185	. . . {Enclosures enveloping completely the labels ( <a href="#">G09F 3/201</a> takes precedence)}
2003/0277	. . . {Tamper resistant}	3/20	. . . for adjustable, removable, or interchangeable labels
2003/0279	. . {Card, e.g. plastic}	3/201	. . . . {Enclosures enveloping completely the labels ( <a href="#">G09F 3/203</a> - <a href="#">G09F 3/207</a> take precedence)}
2003/028	. . {Labels containing microcapsules, e.g. ink microcapsules for indicia transfer}	3/202	. . . . {for labels being formed by a combination of interchangeable elements, e.g. price labels ( <a href="#">G09F 3/203</a> - <a href="#">G09F 3/207</a> take precedence)}
2003/0282	. . {for textiles, e.g. clothing}	3/203	. . . . {specially adapted to be attached to a transparent surface, e.g. the window of a car}
2003/0283	. . {food-compatible or edible}	3/204	. . . . {specially adapted to be attached to a shelf or the like}
2003/0285	. . {Stamp-like labels}	3/205	. . . . {specially adapted for electric cables, pipes or the like}
3/0286	. . {provided with adaptations for labelling machines}	3/206	. . . . {specially adapted for marking or identifying plants}
3/0288	. . {Labels or tickets consisting of more than one part, e.g. with address of sender or other reference on separate section to main label; Multi-copy labels}	3/207	. . . . {in the form of a badge to be worn by a person}
3/0289	. . . {Pull- or fold out labels}	3/208	. . . . {Electronic labels, Labels integrating electronic displays}
3/0291	. . {Labels or tickets undergoing a change under particular conditions, e.g. heat, radiation, passage of time}	5/00	<b>Means for displaying samples (packaging per se <a href="#">B65</a>)</b>
3/0292	. . . {tamper indicating labels}	5/02	. Portable sample cases
3/0294	. . . {where the change is not permanent, e.g. labels only readable under a special light, temperature indicating labels and the like}	5/04	. Cards of samples; Books of samples (packages comprising articles attached to cards, sheets, or webs for removal therefrom <a href="#">B65D 73/00</a> )
3/0295	. . {Labels or tickets for tubes, pipes and the like}	2005/041	. . {Back covers for books of samples}
3/0297	. . {including a machine-readable marking, e.g. a bar code (digitally marked record carriers in general <a href="#">G06K 19/00</a> )}	5/042	. . {in paper, paperboard, or the like}
3/0298	. . . {Bar code orientation; Labels in which the bar code orientation is different}		
3/03	. . of security seals {(means for indicating unauthorised opening of container closures <a href="#">B65D</a> , e.g. <a href="#">B65D 27/30</a> , <a href="#">B65D 55/02</a> ; theft deterrent tags <a href="#">E05B 73/0017</a> )}		
3/0305	. . . {characterised by the type of seal used}		
3/0311	. . . . {having arrow-like sealing means}		

2005/043	. . {for wood}	2007/1882	. . . {Emblems, e.g. fixed by pins or screws}
2005/045	. . {for carpets}	2007/1886	. . . {Tensioned flexible signs}
2005/046	. . {for perfumes}	2007/1891	. . . {modular}
2005/047	. . {for furniture}	2007/1895	. . . {Licence number plates}
2005/048	. . {for fabrics}	7/20	. . for adjustably mounting
<b>7/00</b>	<b>Signs, name or number plates, letters, numerals, or symbols</b> ( <a href="#">vehicle registration number plates B60R 13/10</a> ); <b>Panels or boards</b> ( <a href="#">show-cards G09F 1/00</a> ; indicating arrangements for variable information <a href="#">G09F 9/00</a> , <a href="#">G09F 11/00</a> ; illuminated signs <a href="#">G09F 13/00</a> ; boards for notices or posters <a href="#">G09F 15/00</a> )	7/22	. . for rotatably or swingably mounting, e.g. for boards adapted to be rotated by the wind
7/002	. {weather-proof panels or boards ( <a href="#">G09F 7/02</a> - <a href="#">G09F 7/14</a> , <a href="#">G09F 7/18</a> - <a href="#">G09F 7/22</a> take precedence)}	<b>9/00</b>	<b>Indicating arrangements for variable information in which the information is built-up on a support by selection or combination of individual elements</b> (in which the variable information is permanently attached to a movable support <a href="#">G09F 11/00</a> ; abacus <a href="#">G06C 1/00</a> ; slide-rules <a href="#">G06G 1/00</a> )
2007/005	. {Signs associated with a sensor}	9/30	. in which the desired character or characters are formed by combining individual elements (panels comprising a number of electrodes in a single cell controlling light arriving from an independent light source, e.g. electro-optical or magneto-optical cell, <a href="#">G02F 1/00</a> )
2007/007	. {Signs without covering windows}	9/301	. . {flexible foldable or roll-able electronic displays, e.g. thin LCD, OLED}
7/02	. Signs, plates, panels or boards using readily-detachable elements bearing or forming symbols	9/302	. . characterised by the form or geometrical disposition of the individual elements
7/04	. . the elements being secured or adapted to be secured by magnetic means	9/3023	. . . {Segmented electronic displays}
7/06	. . the elements being secured or adapted to be secured by means of pins and holes	9/3026	. . . {Video wall, i.e. stackable semiconductor matrix display modules ( <a href="#">video wall control systems G06F 3/1446</a> , <a href="#">G09G 2300/026</a> )}
7/08	. . the elements being secured or adapted to be secured by means of grooves, rails, or slits	9/305	. . being the ends of optical fibres ( <a href="#">G09F 9/302</a> takes precedence)
7/10	. . . and slideably mounted	2009/3055	. . . {for traffic signs}
7/12	. . the elements being secured or adapted to be secured by self-adhesion, moisture, suction, slow-drying adhesive or the like	9/307	. . being incandescent filaments ( <a href="#">G09F 9/302</a> takes precedence; incandescent panels comprising a number of separate incandescent bodies, <a href="#">per se H01K 9/00</a> )
2007/122	. . . {by suction}	9/313	. . being gas discharge devices ( <a href="#">G09F 9/302</a> takes precedence; gas discharge panels comprising a number of discharge gaps <a href="#">per se H01J 17/49</a> )
2007/125	. . . {by electrostatic force}	9/33	. . being semiconductor devices, e.g. diodes ( <a href="#">G09F 9/302</a> takes precedence; semiconductor integrated circuits comprising components adapted for emission of light <a href="#">per se H01L 27/15</a> )
2007/127	. . . {by adhesive}	9/35	. . being liquid crystals ( <a href="#">G09F 9/302</a> takes precedence; liquid crystal materials <a href="#">C09K 19/00</a> ; {liquid crystal panels comprising a number of electrodes in a single cell <a href="#">per se G02F 1/13</a> })
7/14	. . Constructional features of the symbol bearing or forming elements	9/37	. . being movable elements ( <a href="#">G09F 9/302</a> takes precedence)
7/16	. Letters, numerals, or other symbols adapted for permanent fixing to a support	9/372	. . . {the positions of the elements being controlled by the application of an electric field}
7/165	. . {The letters, numerals, or other symbols being obtained by a treatment of the support}	9/375	. . . {the position of the elements being controlled by the application of a magnetic field}
7/18	. Means for attaching signs, plates, panels, or boards to a supporting structure	9/377	. . . {the positions of the elements being controlled by pneumatic means}
2007/1804	. . {for fastening to a post}	9/40	. in which the desired character is selected from a number of characters arranged one beside the other, e.g. on a common carrier plate
2007/1808	. . . {using tensioned bonds, e.g. metallic}	9/405	. . {the selected character being projected on a common screen accommodating only one character at a time, to provide the same display position for all characters}
2007/1813	. . . {using brackets having two parts for clamping the post}	9/46	. in which the desired character is selected from a number of characters arranged one behind the other
2007/1817	. . . {using fastening means to grip the post}		
2007/1821	. . . {the post having slots or flanges to fasten the sign}		
2007/1826	. . . {using channels on the rear of the sign board to be connected to the post, e.g. via clamps}		
2007/183	. . . {the sign being formed by two parts clamping the post}		
2007/1834	. . {Signs or the like supported by two lateral posts}		
2007/1839	. . {for fastening to cables}		
2007/1843	. . {Frames or housings to hold signs}		
2007/1847	. . {Brackets to grip the sign board}		
2007/1852	. . {for fastening magnetically or by suction or the like}		
2007/1856	. . {characterised by the supporting structure}		
2007/186	. . . {suspended, e.g. secured to the ceiling}		
2007/1865	. . . {on vehicles}		
2007/1869	. . . {plates fixed to instruments}		
2007/1873	. . {characterised by the type of sign}		
2007/1878	. . . {Traffic orientation, street markers}		

<b>11/00</b>	<b>Indicating arrangements for variable information in which the complete information is permanently attached to a movable support which brings it to the display position (showcases or showcabinets with arrangements for continuously or intermittently moving the merchandise <a href="#">A47F 3/08</a>; using static means to present variable information <a href="#">G09F 9/00</a>)</b>	<b>13/00</b>	<b>Illuminated signs; Luminous advertising (<a href="#">G09F 9/00</a>, <a href="#">G09F 11/00</a> take precedence; control of displays in general using static means to present variable information <a href="#">G09G</a>)</b>
2011/0009	. {Roller-band displays}	13/005	. {Illumination controller or illuminated signs including an illumination control system}
2011/0018	. . {having one motor for each roller}	13/02	. Signs, boards, or panels, illuminated by artificial light sources positioned in front of the insignia
2011/0027	. . {illuminated}	13/04	. Signs, boards or panels, illuminated from behind the insignia
2011/0036	. . {Multiple-loop bands}	13/0404	. . {the light source being enclosed in a box forming the character of the sign}
2011/0045	. . {Methods of fixing the images on a rolling band}	13/0409	. . {Arrangements for homogeneous illumination of the display surface, e.g. using a layer having a non-uniform transparency ( <a href="#">arrangements of reflectors <a href="#">G09F 13/14</a></a> )}
2011/0054	. . . {using a support in the form of an envelope}	13/0413	. . {Frames or casing structures therefor ( <a href="#">transparency frames <a href="#">G03B 21/64</a></a> )}
2011/0063	. . {Markings on a roller-band}	2013/0418	. . {Constructional details}
2011/0072	. . {Methods of keeping tensioned a roller-band}	2013/0422	. . . {characterised by the presence of reflectors}
2011/0081	. . {Roller-band displays used on vehicles}	2013/0427	. . . {in the form of buttons}
2011/009	. . {Means to prevent misalignment during the rolling of the band}	2013/0431	. . . {connected to a pole}
11/02	. the display elements being secured to rotating members, e.g. drums, spindles	2013/0436	. . . {attached to ceilings}
11/025	. . {the members being rotated simultaneously, each face of the member carrying a part of the sign}	2013/044	. . . {on vehicles}
11/04	. . the elements being secured to rotating discs ( <a href="#">G09F 11/025 takes precedence</a> )}	2013/0445	. . . {Frame details}
11/06	. . the elements being stiff plates or cards ( <a href="#">on rotating discs <a href="#">G09F 11/04</a></a> )	2013/045	. . . {Presence of a door}
11/08	. . the elements being flexible sheets ( <a href="#">on rotating discs <a href="#">G09F 11/04</a></a> )	2013/0454	. . . {With slidable panels or parts}
11/10	. . Electrical control therefor	2013/0459	. . . {Indicating exit way or orientation}
11/12	. the display elements being carried by endless belts, chains, or the like	2013/0463	. . . {Portable}
11/14	. . the elements being in the form of stiff flaps, boards, cards, or the like	2013/0468	. . . {With tensioned or flexible display surface}
11/15	. . the elements being flexible sheets	2013/0472	. . . {Traffic signs}
11/16	. . Electric control therefor	2013/0477	. . . {on containers}
11/18	. the display elements being carried by belts, chains, or the like other than endless	2013/0481	. . . {Curved shape}
11/20	. . the elements being in the form of stiff flaps, boards, cards or the like	2013/0486	. . . {With neon tubes}
11/21	. . the elements being flexible sheets	2013/049	. . . {Edge illuminated}
11/22	. . Electric control therefor	2013/0495	. . . {In the ground}
11/23	. the advertising or display material forming part of rotating members, e.g. in the form of perforations, prints, or transparencies on a drum or disc	13/06	. . using individual cut-out symbols or cut-out silhouettes, e.g. perforated signs
11/232	. . {Disc card or folded disc shaped card information display devices}	13/08	. . using both translucent and non-translucent layers
11/235	. . Electric control therefor	13/10	. . . using transparencies
11/24	. the advertising or display material forming part of a moving band, e.g. in the form of perforations, prints, or transparencies	13/12	. . using a transparent mirror or other light reflecting surface transparent to transmitted light whereby a sign, symbol, picture or other is visible only when illuminated
11/26	. . of an endless band	13/14	. . Arrangements of reflectors therein
11/28	. . . Electric control therefor	2013/142	. . . {multiple reflectors}
11/29	. . of a band other than endless	2013/145	. . . {curved reflectors}
11/295	. . . Electric control therefor	2013/147	. . . {plane reflectors}
11/30	. the display elements being fed one by one from storage place to a display position	13/16	. Signs formed of or incorporating reflecting elements or surfaces, e.g. warning signs having triangular or other geometrical shape
11/32	. . the feeding means comprising belts or chains, e.g. endless belts or chains	13/165	. . {rotatably or swingatly mounted reflecting elements or surfaces}
11/325	. . . {the display elements being stored in the form of rolls fixed in between transporting belts or chains}	13/18	. Edge-illuminated signs
11/34	. . the feeding means comprising electromagnets	2013/1804	. . {Achieving homogeneous illumination}
		2013/1809	. . . {using a non-homogeneous front window}
		2013/1813	. . . . {provided with a coating showing a pattern of dots of variable density}
		2013/1818	. . . . {provided with a coating of variable thickness}
		2013/1822	. . . {Stair-cased profiled window}
		2013/1827	. . . {Prismatic window}
		2013/1831	. . . {using more than one light source}



2013/1836	. . . {using a frame-like light source}	15/0087	. {including movable parts, e.g. movable by the wind}
2013/184	. . {Information to display}	2015/0093	. {Tensioned structures}
2013/1845	. . . {Interchangeable poster}	15/02	. Bills, posters, or the like therefor
2013/185	. . . {Embossed marks}	15/025	. {Poster carriers, i.e. devices for holding temporarily posters in order to transfer and apply them onto flat vertical surfaces}
2013/1854	. . . {Light diffusing layer}		
2013/1859	. . . {Frosted surface}		
2013/1863	. . . {Layer with different refractive index}		
2013/1868	. . . {Fluorescent pencil}		
2013/1872	. . {Casing}		
2013/1877	. . . {Stand-like}		
2013/1881	. . . {Frame-like}		
2013/1886	. . {Special effects}		
2013/189	. . . {Three dimensional effects}		
2013/1895	. . . . {Imitating a neon tube}		
13/20	. with luminescent surfaces or parts (luminescent compositions <a href="#">C09K 11/00</a> ; light sources using luminescence <a href="#">F21K 2/00</a> )		
13/22	. . electroluminescent (electroluminescent light sources <a href="#">per se</a> <a href="#">H05B 33/00</a> )		
2013/222	. . . {with LEDs}		
2013/225	. . . {with electroluminescent lamps}		
2013/227	. . . {Electroluminescent displays for vehicles}		
13/24	. using tubes or the like filled with liquid, e.g. bubbling liquid		
13/26	. Signs formed by electric discharge tubes (by selective lighting <a href="#">G09F 9/00</a> )		
13/28	. Signs formed by filament-type lamp (by selective lighting <a href="#">G09F 9/00</a> )		
13/30	. with moving light sources, e.g. rotating luminous tubes		
13/32	. with moving optical part of parts, e.g. mirrors		
13/34	. with light sources co-operating with movable members, e.g. with shutters to cover or uncover the light source (apparatus wherein advertising or display material is moved in a continuous or intermittent succession <a href="#">G09F 11/00</a> ; construction or details of lighting devices <a href="#">F21V 11/00</a> )		
13/36	. . co-operating with rotating screening means		
13/42	. with light sources activated by non-visible radiation (cathode ray image or pattern display tubes <a href="#">H01J 31/10</a> ; lamps with luminescent screens excited by cathode rays <a href="#">H01J 63/06</a> )		
13/44	. with gas as a lighting source		
13/46	. Advertising by fireworks		
<b>15/00</b>	<b>Boards, hoardings, pillars, or like structures for notices, placards, posters, or the like</b>		
15/0006	. {planar structures comprising one or more panels}		
15/0012	. . {frames therefor}		
15/0018	. . {panel clamping or fastening means}		
15/0025	. . {display surface tensioning means}		
15/0031	. . . {Tensioned curved signs; Signs with curved tensioning structures}		
15/0037	. . {supported by a post}		
15/0043	. . {connected to a receptacle of public utility, e.g. a waste receptacle}		
15/005	. . {for orientation or public information}		
15/0056	. . {portable display standards}		
15/0062	. . . {collapsible}		
15/0068	. {Modular articulated structures, e.g. stands, and articulation means therefor}		
15/0075	. {Pillars}		
15/0081	. . {Rotating pillars}		
		<b>17/00</b>	<b>Flags; Banners; Mountings therefor</b>
		2017/0008	. {Devices for avoiding twisting of the flag}
		2017/0016	. . {using ventilators}
		2017/0025	. {Raising or lowering devices}
		2017/0033	. {Flag materials}
		2017/0041	. {Suspended banners}
		2017/005	. {Means for mounting flags to masts}
		2017/0058	. . {holding rings}
		2017/0066	. {Stands for flags}
		2017/0075	. {Flags on vehicles}
		2017/0083	. {Safety flags}
		17/0091	. {Anti-foiling flagpoles; Sliding means to avoid foiling of flags on the poles}
		<b>19/00</b>	<b>Miscellaneous advertising or display means not provided for elsewhere</b>
		19/02	. incorporating moving display members
		19/04	. . operated by the opening or closing of doors, e.g. shop door
		19/06	. . Writing devices
		19/08	. . Dolls, faces, or other representations of living forms with moving parts (in the nature of toys <a href="#">A63H</a> )
		2019/081	. . . {Fish}
		2019/083	. . . {Plants}
		2019/085	. . . {Birds}
		2019/086	. . . {Dolls}
		2019/088	. . . {Faces}
		19/10	. . Devices demonstrating the action of an article to be advertised
		19/12	. using special optical effects (designs or pictures characterised by special light effects <a href="#">B44F 1/00</a> , e.g. changing pictures <a href="#">B44F 1/10</a> ; projecting decorations in stage lighting <a href="#">F21W 2111/06</a> )
		19/14	. . displaying different signs depending upon the view-point of the observer
		19/16	. . involving the use of mirrors
		19/18	. . involving the use of optical projection means, e.g. projection of images on clouds (projection apparatus <a href="#">per se</a> <a href="#">G03B</a> )
		19/20	. . with colour-mixing effects
		19/205	. . . {Special effects using different wavelengths}
		19/22	. Advertising or display means on roads, walls, or similar surfaces, e.g. illuminated (illuminated signs in general <a href="#">G09F 13/00</a> )
		2019/221	. . {on tunnel walls for underground trains}
		2019/223	. . {in pavement panels}
		2019/225	. . {Fire evacuation route indicating means}
		19/226	. . {Building external wall displays; Facade advertisement}
		19/228	. . {Ground signs, i.e. display signs fixed on the ground}
		<b>21/00</b>	<b>Mobile visual advertising</b>
		21/02	. by a carrier person or animal
		2021/023	. . {fixed on human dresses}

- 21/026 . . {Advertising carried by a person, e.g. carried on the shoulders}
- 21/04 . by land vehicles
- 2021/041 . . {magnetically fixed on the vehicles}
- 21/043 . . {supported by tyres}
- 21/045 . . {supported by the wheels}
- 21/046 . . {using the shaking brought about by the locomotion of the vehicle}
- 21/048 . . {Advertisement panels on sides, front or back of vehicles}
- 21/06 . by aeroplanes, airships, balloons, or kites
- 21/08 . . the advertising matter being arranged on the aircraft
- 21/10 . . . illuminated
- 21/12 . . the advertising matter being towed by the aircraft ([kites per se B64C 21/06](#))
- 21/14 . . . illuminated
- 21/16 . . Sky-writing ([aircraft adaptation for sky-writing B64D 1/20](#))
- 21/18 . by ships or other floating means
- 21/20 . . illuminated
- 21/22 . Dispensing devices for pamphlets or similar advertising matter from vehicles ([from aircraft B64D 1/00](#))
- 23/00** **Advertising on or in specific articles, e.g. ashtrays, letter-boxes** ([on or in vehicles G09F 21/00](#); [containers, packaging-elements, or packages, with auxiliary means or provisions for displaying articles B65D](#))
- 2023/0008 . {on parking meters}
- 2023/0016 . {on pens}
- 2023/0025 . {on containers}
- 2023/0033 . . {on refrigerated containers}
- 2023/0041 . {on cigarette lighters}
- 2023/005 . {on seats}
- 23/0058 . {on electrical household appliances, e.g. on a dishwasher, a washing machine or a refrigerator}
- 23/0066 . {on sports articles, e.g. golf clubs}
- 23/0075 . {on tooth brushes}
- 23/0083 . {on petrol dispensers}
- 23/0091 . {on soda or beer cans}
- 23/02 . the advertising matter being displayed by the operation of the article
- 23/04 . . illuminated
- 23/06 . the advertising matter being combined with articles for restaurants, shops or offices ([on paper articles G09F 23/10](#))
- 23/065 . . {Advertising in food vending machines}
- 23/08 . . with tableware
- 23/10 . Advertisement on paper articles, e.g. booklets, newspapers
- 23/105 . . {on paper for wrapping flowers}
- 23/12 . . on toilet paper
- 23/14 . on toys, games, puzzles, or similar devices
- 23/16 . on clocks, e.g. controlled by the clock mechanism
- 25/00** **Audible advertising** ([sound recording or reproducing per se G11B](#); [public address systems H04R 27/00](#))
- 2025/005 . {Message recorded in a memory device}
- 27/00** **Combined visual and audible advertising or displaying, e.g. for public address**
- 2027/001 . {Comprising a presence or proximity detector}
- 2027/002 . {Advertising message recorded in a memory device}
- 27/004 . {Displays including an emergency or alarm message}
- 27/005 . {Signs associated with a sensor}
- 27/007 . {Displays with power supply provided by solar cells or photocells}
- 27/008 . {Sun shades, shades, hoods or louvers on electronic displays to minimize the effect of direct sun light on the display ([rigidly arranged sunshade roofs with coherent surface E04F 10/005](#))}