

# CPC COOPERATIVE PATENT CLASSIFICATION

## G PHYSICS (NOTES omitted)

### INSTRUMENTS

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

## G09F DISPLAYING; ADVERTISING; SIGNS; LABELS OR NAME-PLATES; SEALS

### 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>	2003/0216	. . . {for containers}
		2003/0217	. . . {for envelopes}
1/02	. Single substantially flat cards	2003/0219	. . . {to keep record of the use of a product}
1/04	. Folded cards	2003/022	. . . {Shipment}
1/06	. . to be erected in three dimensions ( <a href="#">G09F 1/08</a> takes precedence)	2003/0222	. . {Features for removal or adhesion, e.g. tabs}
		2003/0223	. . {recyclable}
1/065	. . . {Totem-like displays; Portable collapsible columnar displays}	2003/0225	. . {Carrier web}
		2003/0226	. . . {Carrier sheet}
1/08	. wholly or partly imitating the form of an object, e.g. of the article to be advertised	2003/0227	. . . {Carrier strip}
		2003/0229	. . . {Carrier roll}
2001/085	. . {actuated by a sliding tongue}	2003/023	. . {Adhesive}
1/10	. Supports or holders for show-cards	2003/0232	. . . {Resistance to heat}
1/103	. . {using suspension clamps}	2003/0233	. . . {Resistance to humidity}
2001/106	. . {made of metal}	2003/0235	. . . {Resistance to chemicals}
1/12	. . Frames therefor	2003/0236	. . . {Permeability}
1/14	. . in the form of legs	2003/0238	. . . {Stress resistant}
		2003/0239	. . . {Permanent adhesive}
<b>3/00</b>	<b>Labels, tag tickets, or similar identification or indication means (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>); Seals; Postage or like stamps</b>	2003/0241	. . . {Repositionable or pressure sensitive adhesive}
		2003/0242	. . . {Adhesive soluble in water}
		2003/0244	. . . {Adhesive soluble in chemicals}
		2003/0245	. . . {Differential adhesive strength}
3/005	. {Identification bracelets, e.g. secured to the arm of a person}	2003/0247	. . . {Non-strippable anti-stick coatings}
		2003/0248	. . . {Variable density of distribution of adhesive spots}
3/02	. Forms or constructions ( <a href="#">layered products B32B</a> )	2003/025	. . . {Activatable adhesive}
2003/0201	. . {Label sheets intended to be introduced in a printer, e.g. laser printer}	2003/0251	. . {Sleeve shaped label, i.e. wrapped around a device}
2003/0202	. . {printed before use}	2003/0252	. . {associated with a leaflet}
2003/0204	. . . {Tax-disc}	2003/0254	. . {Luggage tag}
2003/0205	. . . {Coupon}	2003/0255	. . {laminated}
2003/0207	. . . {Ticket}	2003/0257	. . {Multilayer}
2003/0208	. . {Indicia}	2003/0258	. . . {without carrier}
2003/021	. . . {Indicia behind the front foil}	2003/026	. . . {without silicon backing}
2003/0211	. . . {Transfer or thermo-sensitive}	2003/0261	. . . {encapsulated in polymer}
2003/0213	. . . {Concealed data}	2003/0263	. . . {Different patterns for carrier web and label web}
2003/0214	. . {Stock management}		

2003/0264	. . . {Shapes or borders}	3/0298	. . . {Bar code orientation; Labels in which the bar code orientation is different}
2003/0266	. . . {Shapes other than rectangular}	3/03	. . of security seals {(means for indicating unauthorised opening of container closures <a href="#">B65D, e.g. B65D 27/30, B65D 55/02</a> ; theft deterrent tags <a href="#">E05B 73/0017</a> )}
2003/0267	. . . {die cut}	3/0305	. . . {characterised by the type of seal used}
2003/0269	. . . {perforated}	3/0311	. . . . {having arrow-like sealing means}
2003/027	. . {used to hang up an item, e.g. a perfusion bottle}	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> )}
2003/0272	. . {Labels for containers}	3/0323	. . . . {having clamp-like sealing means}
2003/0273	. . . {Labels for bottles, flasks}	3/0329	. . . . {having electronic sealing means}
2003/0275	. . . {Shock absorbing labels}	3/0335	. . . . . {using RFID tags}
2003/0276	. . {Safety features, e.g. colour, prominent part, logo}	3/0341	. . . . {having label sealing means}
2003/0277	. . . {Tamper resistant}	3/0347	. . . . {having padlock-type sealing means (padlocks in general <a href="#">E05B 67/00</a> )}
2003/0279	. . {Card, e.g. plastic}	3/0352	. . . . . {using cable lock}
2003/028	. . {Labels containing microcapsules, e.g. ink microcapsules for indicia transfer}	3/0358	. . . . . {using a rigid hasp lock}
2003/0282	. . {for textiles, e.g. clothing}	3/0364	. . . . {having rotary sealing means}
2003/0283	. . {food-compatible or edible}	3/037	. . . . {having tie-wrap sealing means}
2003/0285	. . {Stamp-like labels}	3/0376	. . . {using a special technique to detect tampering, e.g. by ultrasonic or optical means}
3/0286	. . {provided with adaptations for labelling machines}	3/0382	. . . {Seals with transparent casing}
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}	3/0388	. . . . {With semi-transparent casing}
<b>WARNING</b>		3/0394	. . . {with violation indication by generating a random number (random number generators <a href="#">G06F 7/58, G07C 15/00</a> )}
Group <a href="#">G09F 3/0288</a> is impacted by reclassification into groups <a href="#">G09F 3/02883</a> and <a href="#">G09F 3/02886</a> .		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> )
Groups <a href="#">G09F 3/0288</a> , <a href="#">G09F 3/02883</a> and <a href="#">G09F 3/02886</a> should be considered in order to perform a complete search.		3/06	. . by clamping action (by separate clamps <a href="#">G09F 3/16</a> )
3/02883	. . . {Folded}	3/08	. Fastening or securing by means not forming part of the material of the label itself
<b>WARNING</b>		3/10	. . by an adhesive layer
Group <a href="#">G09F 3/02883</a> is incomplete pending reclassification of documents from group <a href="#">G09F 3/0288</a> .		3/12	. . by pins, staples, or the like
Groups <a href="#">G09F 3/0288</a> and <a href="#">G09F 3/02883</a> should be considered in order to perform a complete search.		3/14	. . by strings, straps, chains, or wires
3/02886	. . . {Reinforced}	3/16	. . by clamps
<b>WARNING</b>		3/18	. . Casings, frames or enclosures for labels
Group <a href="#">G09F 3/02886</a> is incomplete pending reclassification of documents from group <a href="#">G09F 3/0288</a> .		3/185	. . . {Enclosures enveloping completely the labels ( <a href="#">G09F 3/201</a> takes precedence)}
Groups <a href="#">G09F 3/0288</a> and <a href="#">G09F 3/02886</a> should be considered in order to perform a complete search.		3/20	. . . for adjustable, removable, or interchangeable labels
3/0289	. . . {Pull- or fold-out labels}	3/201	. . . . {Enclosures enveloping completely the labels ( <a href="#">G09F 3/203</a> - <a href="#">G09F 3/207</a> take precedence)}
3/0291	. . {Labels or tickets undergoing a change under particular conditions, e.g. heat, radiation, passage of time}	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)}
3/0292	. . . {tamper indicating labels}	3/203	. . . . {specially adapted to be attached to a transparent surface, e.g. the window of a car}
3/0294	. . . {where the change is not permanent, e.g. labels only readable under a special light, temperature indicating labels and the like}	3/204	. . . . {specially adapted to be attached to a shelf or the like}
3/0295	. . {Labels or tickets for tubes, pipes and the like}	3/205	. . . . {specially adapted for electric cables, pipes or the like}
3/0297	. . {including a machine-readable marking, e.g. a bar code (digitally marked record carriers in general <a href="#">G06K 19/00</a> )}	3/206	. . . . {specially adapted for marking or identifying plants}
		3/207	. . . . {in the form of a badge to be worn by a person}
		3/208	. . . . {Electronic labels, Labels integrating electronic displays}

<b>5/00</b>	<b>Means for displaying samples (packaging per se <a href="#">B65</a>)</b>	2007/1852	. . {for fastening magnetically or by suction or the like}
5/02	. Portable sample cases	2007/1856	. . {characterised by the supporting structure}
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> )	2007/186	. . . {suspended, e.g. secured to the ceiling}
2005/041	. . {Back covers for books of samples}	2007/1865	. . . {on vehicles}
5/042	. . {in paper, paperboard, or the like}	2007/1869	. . . {plates fixed to instruments}
2005/043	. . {for wood}	2007/1873	. . {characterised by the type of sign}
2005/045	. . {for carpets}	2007/1878	. . . {Traffic orientation, street markers}
2005/046	. . {for perfumes}	2007/1882	. . . {Emblems, e.g. fixed by pins or screws}
2005/047	. . {for furniture}	2007/1886	. . . {Tensioned flexible signs}
2005/048	. . {for fabrics}	2007/1891	. . . {modular}
<b>7/00</b>	<b>Signs, name or number plates, letters, numerals, or symbols (vehicle registration number plates <a href="#">B60R 13/10</a>); Panels or boards (show-cards <a href="#">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>)</b>	2007/1895	. . . {Licence number plates}
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)}	7/20	. . for adjustably mounting
2007/005	. {Signs associated with a sensor}	<b>WARNING</b>	
2007/007	. {Signs without covering windows}	Group <a href="#">G09F 7/20</a> is impacted by reclassification into group <a href="#">G09F 7/205</a> .	
7/02	. Signs, plates, panels or boards using readily-detachable elements bearing or forming symbols	Groups <a href="#">G09F 7/20</a> and <a href="#">G09F 7/205</a> should be considered in order to perform a complete search.	
7/04	. . the elements being secured or adapted to be secured by magnetic means	7/205	. . . {for adjustably raising or lowering suspended signs}
7/06	. . the elements being secured or adapted to be secured by means of pins and holes	<b>WARNING</b>	
7/08	. . the elements being secured or adapted to be secured by means of grooves, rails, or slits	Group <a href="#">G09F 7/205</a> is incomplete pending reclassification of documents from group <a href="#">G09F 7/20</a> .	
7/10	. . . and slideably mounted	Groups <a href="#">G09F 7/20</a> and <a href="#">G09F 7/205</a> should be considered in order to perform a complete search.	
7/12	. . the elements being secured or adapted to be secured by self-adhesion, moisture, suction, slow-drying adhesive or the like	7/22	. . for rotatably or swingably mounting, e.g. for boards adapted to be rotated by the wind
2007/122	. . . {by suction}	<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 (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>)</b>
2007/125	. . . {by electrostatic force}	<b>NOTE</b>	
2007/127	. . . {by adhesive}	Group <a href="#">G09F 9/302</a> takes precedence over groups <a href="#">G09F 9/305</a> - <a href="#">G09F 9/37</a> .	
7/14	. . Constructional features of the symbol bearing or forming elements	{This Note corresponds to IPC Note (1) relating to <a href="#">G09F 9/302</a> - <a href="#">G09F 9/37</a> .}	
7/16	. Letters, numerals, or other symbols adapted for permanent fixing to a support	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> )
7/165	. . {obtained by a treatment of the support}	9/301	. . {flexible foldable or roll-able electronic displays, e.g. thin LCD, OLED}
7/18	. Means for attaching signs, plates, panels, or boards to a supporting structure	9/302	. . characterised by the form or geometrical disposition of the individual elements
2007/1804	. . {for fastening to a post}	9/3023	. . . {Segmented electronic displays}
2007/1808	. . . {using tensioned bonds, e.g. metallic}	9/3026	. . . {Video wall, i.e. stackable semiconductor matrix display modules (video wall control systems <a href="#">G06F 3/1446</a> , <a href="#">G09G 2300/026</a> )}
2007/1813	. . . {using brackets having two parts for clamping the post}	9/305	. . being the ends of optical fibres ( <a href="#">G09F 9/302</a> takes precedence)
2007/1817	. . . {using fastening means to grip the post}	2009/3055	. . . {for traffic signs}
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}		

9/307	<ul style="list-style-type: none"> <li>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>)</li> </ul>	11/02	<ul style="list-style-type: none"> <li>the display elements being secured to rotating members, e.g. drums, spindles</li> </ul>
9/313	<ul style="list-style-type: none"> <li>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>)</li> </ul>	11/025	<ul style="list-style-type: none"> <li>{the members being rotated simultaneously, each face of the member carrying a part of the sign}</li> </ul>
9/33	<ul style="list-style-type: none"> <li>being semiconductor devices, e.g. diodes</li> </ul> <p><b>WARNING</b></p> <p>Group <a href="#">G09F 9/33</a> is impacted by reclassification into group <a href="#">G09F 9/335</a>.</p> <p>Groups <a href="#">G09F 9/33</a> and <a href="#">G09F 9/335</a> should be considered in order to perform a complete search.</p>	11/04	<ul style="list-style-type: none"> <li>the elements being secured to rotating discs (<a href="#">G09F 11/025</a> takes precedence)</li> </ul>
9/335	<ul style="list-style-type: none"> <li>{being organic light emitting diodes [OLED]}</li> </ul> <p><b>WARNING</b></p> <p>Group <a href="#">G09F 9/335</a> is incomplete pending reclassification of documents from group <a href="#">G09F 9/33</a>.</p> <p>Groups <a href="#">G09F 9/33</a> and <a href="#">G09F 9/335</a> should be considered in order to perform a complete search.</p>	11/06	<ul style="list-style-type: none"> <li>the elements being stiff plates or cards (<a href="#">on rotating discs G09F 11/04</a>)</li> </ul>
9/35	<ul style="list-style-type: none"> <li>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>})</li> </ul>	11/08	<ul style="list-style-type: none"> <li>the elements being flexible sheets (<a href="#">on rotating discs G09F 11/04</a>)</li> </ul>
9/37	<ul style="list-style-type: none"> <li>being movable elements (<a href="#">G09F 9/302</a> takes precedence)</li> </ul>	11/10	<ul style="list-style-type: none"> <li>Electrical control therefor</li> </ul>
9/372	<ul style="list-style-type: none"> <li>{the positions of the elements being controlled by the application of an electric field}</li> </ul>	11/12	<ul style="list-style-type: none"> <li>the display elements being carried by endless belts, chains, or the like</li> </ul>
9/375	<ul style="list-style-type: none"> <li>{the position of the elements being controlled by the application of a magnetic field}</li> </ul>	11/14	<ul style="list-style-type: none"> <li>the elements being in the form of stiff flaps, boards, cards, or the like</li> </ul>
9/377	<ul style="list-style-type: none"> <li>{the positions of the elements being controlled by pneumatic means}</li> </ul>	11/15	<ul style="list-style-type: none"> <li>the elements being flexible sheets</li> </ul>
9/40	<ul style="list-style-type: none"> <li>in which the desired character is selected from a number of characters arranged one beside the other, e.g. on a common carrier plate</li> </ul>	11/16	<ul style="list-style-type: none"> <li>Electric control therefor</li> </ul>
9/405	<ul style="list-style-type: none"> <li>{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}</li> </ul>	11/18	<ul style="list-style-type: none"> <li>the display elements being carried by belts, chains, or the like other than endless</li> </ul>
9/46	<ul style="list-style-type: none"> <li>in which the desired character is selected from a number of characters arranged one behind the other</li> </ul>	11/20	<ul style="list-style-type: none"> <li>the elements being in the form of stiff flaps, boards, cards or the like</li> </ul>
11/00	<p><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</b> (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>)</p>	11/21	<ul style="list-style-type: none"> <li>the elements being flexible sheets</li> </ul>
2011/0009	<ul style="list-style-type: none"> <li>{Roller-band displays}</li> </ul>	11/22	<ul style="list-style-type: none"> <li>Electric control therefor</li> </ul>
2011/0018	<ul style="list-style-type: none"> <li>{having one motor for each roller}</li> </ul>	11/23	<ul style="list-style-type: none"> <li>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</li> </ul>
2011/0027	<ul style="list-style-type: none"> <li>{illuminated}</li> </ul>	11/232	<ul style="list-style-type: none"> <li>{Disc card or folded disc shaped card information display devices}</li> </ul>
2011/0036	<ul style="list-style-type: none"> <li>{Multiple-loop bands}</li> </ul>	11/235	<ul style="list-style-type: none"> <li>Electric control therefor</li> </ul>
2011/0045	<ul style="list-style-type: none"> <li>{Methods of fixing the images on a rolling band}</li> </ul>	11/24	<ul style="list-style-type: none"> <li>the advertising or display material forming part of a moving band, e.g. in the form of perforations, prints, or transparencies</li> </ul>
2011/0054	<ul style="list-style-type: none"> <li>{using a support in the form of an envelope}</li> </ul>	11/26	<ul style="list-style-type: none"> <li>of an endless band</li> </ul>
2011/0063	<ul style="list-style-type: none"> <li>{Markings on a roller-band}</li> </ul>	11/28	<ul style="list-style-type: none"> <li>Electric control therefor</li> </ul>
2011/0072	<ul style="list-style-type: none"> <li>{Methods of keeping tensioned a roller-band}</li> </ul>	11/29	<ul style="list-style-type: none"> <li>of a band other than endless</li> </ul>
2011/0081	<ul style="list-style-type: none"> <li>{Roller-band displays used on vehicles}</li> </ul>	11/295	<ul style="list-style-type: none"> <li>Electric control therefor</li> </ul>
2011/009	<ul style="list-style-type: none"> <li>{Means to prevent misalignment during the rolling of the band}</li> </ul>	11/30	<ul style="list-style-type: none"> <li>the display elements being fed one by one from storage place to a display position</li> </ul>
		11/32	<ul style="list-style-type: none"> <li>the feeding means comprising belts or chains, e.g. endless belts or chains</li> </ul>
		11/325	<ul style="list-style-type: none"> <li>{the display elements being stored in the form of rolls fixed in between transporting belts or chains}</li> </ul>
		11/34	<ul style="list-style-type: none"> <li>the feeding means comprising electromagnets</li> </ul>
		13/00	<p><b>Illuminated signs; Luminous advertising</b> (<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>)</p>
		13/005	<ul style="list-style-type: none"> <li>{Illumination controller or illuminated signs including an illumination control system}</li> </ul>
		13/02	<ul style="list-style-type: none"> <li>Signs, boards, or panels, illuminated by artificial light sources positioned in front of the insignia</li> </ul>
		13/04	<ul style="list-style-type: none"> <li>Signs, boards or panels, illuminated from behind the insignia</li> </ul>
		13/0404	<ul style="list-style-type: none"> <li>{the light source being enclosed in a box forming the character of the sign}</li> </ul>
		13/0409	<ul style="list-style-type: none"> <li>{Arrangements for homogeneous illumination of the display surface, e.g. using a layer having a non-uniform transparency (arrangements of reflectors <a href="#">G09F 13/14</a>)}</li> </ul>
		13/0413	<ul style="list-style-type: none"> <li>{Frames or casing structures therefor}</li> </ul>

13/0418 . . {Constructional details}

#### **WARNING**

Group [G09F 13/0418](#) is impacted by reclassification into groups [G09F 13/0456](#) and [G09F 13/0458](#).

Groups [G09F 13/0418](#), [G09F 13/0456](#) and [G09F 13/0458](#) should be considered in order to perform a complete search.

13/0422 . . . {Reflectors}

13/0427 . . . {in the form of buttons}

13/0431 . . . {Signs, boards or panels connected to a pole}

13/0436 . . . {Signs, boards or panels attached to ceilings}

13/044 . . . {Signs, boards or panels mounted on vehicles}

13/0445 . . . {Frames}

#### **WARNING**

Group [G09F 13/0445](#) is impacted by reclassification into groups [G09F 13/0446](#), [G09F 13/0447](#) and [G09F 13/0448](#).

All groups listed in this Warning should be considered in order to perform a complete search.

13/0446 . . . . {collapsible}

#### **WARNING**

Group [G09F 13/0446](#) is incomplete pending reclassification of documents from group [G09F 13/0445](#).

Groups [G09F 13/0445](#) and [G09F 13/0446](#) should be considered in order to perform a complete search.

13/0447 . . . . {compartmented}

#### **WARNING**

Group [G09F 13/0447](#) is incomplete pending reclassification of documents from group [G09F 13/0445](#).

Groups [G09F 13/0445](#) and [G09F 13/0447](#) should be considered in order to perform a complete search.

13/0448 . . . . {double face}

#### **WARNING**

Group [G09F 13/0448](#) is incomplete pending reclassification of documents from group [G09F 13/0445](#).

Groups [G09F 13/0445](#) and [G09F 13/0448](#) should be considered in order to perform a complete search.

13/045 . . . {Signs, boards or panels specially adapted for doors}

13/0454 . . . {Slidable panels or parts}

13/0456 . . . {Detachable casings}

#### **WARNING**

Group [G09F 13/0456](#) is incomplete pending reclassification of documents from group [G09F 13/0418](#).

Groups [G09F 13/0418](#) and [G09F 13/0456](#) should be considered in order to perform a complete search.

13/0458 . . . {Interchangeable panels}

#### **WARNING**

Group [G09F 13/0458](#) is incomplete pending reclassification of documents from group [G09F 13/0418](#).

Groups [G09F 13/0418](#) and [G09F 13/0458](#) should be considered in order to perform a complete search.

13/0463 . . . {Portable signs, boards or panels}

13/0468 . . . {Signs, boards or panels with tensioned or flexible display surface}

13/0472 . . . {Traffic signs}

13/0477 . . . {Signs, boards or panels mounted on containers}

13/0481 . . . {Signs, boards or panels having a curved shape}

13/0486 . . . {Neon tubes}

13/049 . . . {Edge illuminated signs, boards or panels}

13/0495 . . . {Signs, boards or panels attached to the ground}

2013/05 . . . {indicating exit way or orientation}

13/06 . . using individual cut-out symbols or cut-out silhouettes, e.g. perforated signs

13/08 . . using both translucent and non-translucent layers

13/10 . . . using 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

13/14 . . Arrangements of reflectors therein

2013/142 . . . {multiple reflectors}

2013/145 . . . {curved reflectors}

2013/147 . . . {plane reflectors}

13/16 . Signs formed of or incorporating reflecting elements or surfaces, e.g. warning signs having triangular or other geometrical shape

13/165 . . {rotatably or swingatly mounted reflecting elements or surfaces}

13/18 . Edge-illuminated signs

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}

2013/184 . . {Information to display}

2013/1845 . . . {Interchangeable poster}

2013/185 . . . {Embossed marks}



2013/1854	. . . {Light diffusing layer}	15/025	. . {Poster carriers, i.e. devices for holding temporarily posters in order to transfer and apply them onto flat vertical surfaces}
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 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 ( <a href="#">apparatus wherein advertising or display material is moved in a continuous or intermittent succession 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 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}		
15/0087	. {including movable parts, e.g. movable by the wind}		
2015/0093	. {Tensioned structures}		
15/02	. Bills, posters, or the like therefor		
		<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>Advertising or display means not otherwise provided for</b>
			<b><u>WARNING</u></b>
			Group <a href="#">G09F 19/00</a> is impacted by reclassification into groups <a href="#">G09F 19/002</a> , <a href="#">G09F 19/005</a> and <a href="#">G09F 19/008</a> .
			All groups listed in this Warning should be considered in order to perform a complete search.
		19/002	. {Advertising means including image processing to create a special effect when viewed from a camera}
			<b><u>WARNING</u></b>
			Group <a href="#">G09F 19/002</a> is incomplete pending reclassification of documents from group <a href="#">G09F 19/00</a> .
			Groups <a href="#">G09F 19/00</a> and <a href="#">G09F 19/002</a> should be considered in order to perform a complete search.
		19/005	. {Scented advertising means}
			<b><u>WARNING</u></b>
			Group <a href="#">G09F 19/005</a> is incomplete pending reclassification of documents from group <a href="#">G09F 19/00</a> .
			Groups <a href="#">G09F 19/00</a> and <a href="#">G09F 19/005</a> should be considered in order to perform a complete search.
		19/008	. {Inflatable advertising means}
			<b><u>WARNING</u></b>
			Group <a href="#">G09F 19/008</a> is incomplete pending reclassification of documents from group <a href="#">G09F 19/00</a> .
			Groups <a href="#">G09F 19/00</a> and <a href="#">G09F 19/008</a> should be considered in order to perform a complete search.
		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 ( <a href="#">in the nature of toys A63H</a> )
		2019/081	. . . {Fish}

2019/083	. . . {Plants}	19/228	. . {Ground signs, i.e. display signs fixed on the ground}
2019/085	. . . {Birds}	<b>21/00</b>	<b>Mobile visual advertising (combined visual and audible advertising G09F 27/00)</b>
2019/086	. . . {Dolls}	21/02	. by a carrier person or animal
2019/088	. . . {Faces}	21/023	. . {fixed on clothing}
19/10	. . Devices demonstrating the action of an article to be advertised	21/026	. . {Advertising carried by a person, e.g. carried on the shoulders}
19/12	. using special optical effects	21/04	. by land vehicles
<b>WARNING</b>		21/041	. . {magnetically fixed on the vehicles}
Group <a href="#">G09F 19/12</a> is impacted by reclassification into group <a href="#">G09F 19/125</a> .		21/042	. . {the advertising matter being fixed on the roof of the vehicles}
Groups <a href="#">G09F 19/12</a> and <a href="#">G09F 19/125</a> should be considered in order to perform a complete search.		21/043	. . {supported by tyres}
19/125	. . {Stereoscopic displays; 3D displays}	21/045	. . {supported by the wheels}
<b>WARNING</b>		21/046	. . {using the shaking brought about by the locomotion of the vehicle}
Group <a href="#">G09F 19/125</a> is incomplete pending reclassification of documents from group <a href="#">G09F 19/12</a> .		21/048	. . {Advertisement panels on sides, front or back of vehicles}
Groups <a href="#">G09F 19/12</a> and <a href="#">G09F 19/125</a> should be considered in order to perform a complete search.		<b>WARNING</b>	
19/14	. . displaying different signs depending upon the view-point of the observer	Group <a href="#">G09F 21/048</a> is impacted by reclassification into group <a href="#">G09F 21/0485</a> .	
19/16	. . involving the use of mirrors	Groups <a href="#">G09F 21/048</a> and <a href="#">G09F 21/0485</a> should be considered in order to perform a complete search.	
19/18	. . involving the use of optical projection means, e.g. projection of images on clouds ( <a href="#">projection apparatus per se G03B</a> )	21/0485	. . . {Advertising means on windshields}
19/20	. . with colour-mixing effects	<b>WARNING</b>	
19/205	. . . {Special effects using different wavelengths}	Group <a href="#">G09F 21/0485</a> is incomplete pending reclassification of documents from group <a href="#">G09F 21/048</a> .	
19/22	. Advertising or display means on roads, walls or similar surfaces, e.g. illuminated	Groups <a href="#">G09F 21/048</a> and <a href="#">G09F 21/0485</a> should be considered in order to perform a complete search.	
<b>WARNING</b>		21/049	. . {giving information to passengers inside the vehicles}
Group <a href="#">G09F 19/22</a> is impacted by reclassification into group <a href="#">G09F 19/227</a> .		21/06	. by aeroplanes, airships, balloons, or kites
Groups <a href="#">G09F 19/22</a> and <a href="#">G09F 19/227</a> should be considered in order to perform a complete search.		21/08	. . the advertising matter being arranged on the aircraft
2019/221	. . {on tunnel walls for underground trains}	21/10	. . . illuminated
2019/223	. . {in pavement panels}	21/12	. . the advertising matter being towed by the aircraft
2019/225	. . {Fire evacuation route indicating means}	21/14	. . . illuminated
19/226	. . {External wall display means; Facade advertising means}	21/16	. . Sky-writing
<b>WARNING</b>		21/18	. by ships or other floating means
Group <a href="#">G09F 19/226</a> is impacted by reclassification into group <a href="#">G09F 19/227</a> .		21/20	. . illuminated
Groups <a href="#">G09F 19/226</a> and <a href="#">G09F 19/227</a> should be considered in order to perform a complete search.		21/22	. Dispensing devices for pamphlets or similar advertising matter from vehicles ( <a href="#">from aircraft B64D 1/00</a> )
19/227	. . {on windows}	<b>23/00</b>	<b>Advertising on or in specific articles, e.g. ashtrays, letter-boxes (on or in vehicles G09F 21/00)</b>
<b>WARNING</b>		<b>WARNING</b>	
Group <a href="#">G09F 19/227</a> is incomplete pending reclassification of documents from groups <a href="#">G09F 19/22</a> and <a href="#">G09F 19/226</a> .		Group <a href="#">G09F 23/00</a> is impacted by reclassification into groups <a href="#">G09F 23/007</a> , <a href="#">G09F 23/0081</a> , <a href="#">G09F 23/0093</a> , <a href="#">G09F 23/0095</a> , <a href="#">G09F 23/0097</a> and <a href="#">G09F 23/0098</a> .	
Groups <a href="#">G09F 19/22</a> , <a href="#">G09F 19/226</a> and <a href="#">G09F 19/227</a> should be considered in order to perform a complete search.		All groups listed in this Warning should be considered in order to perform a complete search.	
2019/221	. . {on tunnel walls for underground trains}	2023/0008	. {on parking meters}
2019/223	. . {in pavement panels}	2023/0016	. {on pens}
2019/225	. . {Fire evacuation route indicating means}	2023/0025	. {on containers}
19/226	. . {External wall display means; Facade advertising means}		

- 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}
- 23/007 . {on buttons}

**WARNING**

Group [G09F 23/007](#) is incomplete pending reclassification of documents from group [G09F 23/00](#).

Groups [G09F 23/00](#) and [G09F 23/007](#) should be considered in order to perform a complete search.

- 23/0081 . {on sanitary articles, e.g. on cakes of soap}

**WARNING**

Group [G09F 23/0081](#) is incomplete pending reclassification of documents from group [G09F 23/00](#).

Groups [G09F 23/00](#) and [G09F 23/0081](#) should be considered in order to perform a complete search.

- 23/0082 . . {on tooth brushes}
- 23/0083 . {on petrol dispensers}
- 23/0091 . {on soda or beer cans}
- 23/0093 . {on phone-carried indicia}

**WARNING**

Groups [G09F 23/0093](#), [G09F 23/0095](#), [G09F 23/0097](#) and [G09F 23/0098](#) are incomplete pending reclassification of documents from group [G09F 23/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 23/0095 . . {dial-associated}
- 23/0097 . . {mouthpiece-associated}
- 23/0098 . . {upright phone standard-associated}
- 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 . 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****WARNING**

Group [G09F 27/00](#) is impacted by reclassification into group [G09F 27/009](#).

Groups [G09F 27/00](#) and [G09F 27/009](#) should be considered in order to perform a complete search.

- 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 louvres on electronic displays to minimise the effect of direct sun light on the display}
- 27/009 . {Retrofitted static panels to make them dynamic}

**WARNING**

Group [G09F 27/009](#) is incomplete pending reclassification of documents from group [G09F 27/00](#).

Groups [G09F 27/00](#) and [G09F 27/009](#) should be considered in order to perform a complete search.