

CPC**COOPERATIVE PATENT CLASSIFICATION****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 "micro-structural devices" and "micro-structural systems".

G09F 1/00**Cardboard or like show-cards of foldable or flexible material**[G09F 1/02](#)

- Single substantially flat cards

[G09F 1/04](#)

- Folded cards

[G09F 1/06](#)

- . . to be erected in three dimensions ([G09F 1/08](#) takes precedence)

[G09F 1/065](#)

- . . . {Totem-like displays; Portable collapsible columnar displays}

[G09F 1/08](#)

- wholly or partly imitating the form of an object, e.g. of the article to be advertised

[G09F 2001/085](#)

- . {actuated by a sliding tongue}

[G09F 1/10](#)

- Supports or holders for show-cards

[G09F 1/103](#)

- . {using suspension clamps}

[G09F 2001/106](#)

- . {made of metal}

[G09F 1/12](#)

- . Frames therefor

[G09F 1/14](#)

- . in the form of legs

G09F 3/00

Labels, tag tickets, or similar identification or indication means (medals or badges [A44C 3/00](#); making labels [B31D 1/02](#); sheets temporarily attached together [B42F](#); labelling [B65C](#); labels on record carriers [G11B 23/38](#), [G11B 23/40](#)); **Seals; Postage or like stamps**

[G09F 3/005](#)

- {Identification bracelets, e.g. secured to the arm of a person}

[G09F 3/02](#)

- Forms or constructions ([layered products B32B](#))

[G09F 2003/0201](#)

- . {Label sheets intended to be introduced in a printer, e.g. laser printer}

[G09F 2003/0202](#)

- . {printed before use}

[G09F 2003/0204](#)

- . . {Tax-disc}

[G09F 2003/0205](#)

- . . {Coupon}

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| G09F 2003/0207 | . . . | {Ticket} |
| G09F 2003/0208 | . . | {Indicia} |
| G09F 2003/021 | . . . | {Indicia behind the front foil} |
| G09F 2003/0211 | . . . | {Transfer or thermo-sensitive} |
| G09F 2003/0213 | . . . | {Concealed data} |
| G09F 2003/0214 | . . | {Stock management} |
| G09F 2003/0216 | . . . | {for containers} |
| G09F 2003/0217 | . . . | {for envelopes} |
| G09F 2003/0219 | . . . | {to keep record of the use of a product} |
| G09F 2003/022 | . . . | {Shipment} |
| G09F 2003/0222 | . . | {Features for removal or adhesion, e.g. tabs} |
| G09F 2003/0223 | . . | {recyclable} |
| G09F 2003/0225 | . . | {Carrier web} |
| G09F 2003/0226 | . . . | {Carrier sheet} |
| G09F 2003/0227 | . . . | {Carrier strip} |
| G09F 2003/0229 | . . . | {Carrier roll} |
| G09F 2003/023 | . . | {Adhesive} |
| G09F 2003/0232 | . . . | {Resistance to heat} |
| G09F 2003/0233 | . . . | {Resistance to humidity} |
| G09F 2003/0235 | . . . | {Resistance to chemicals} |
| G09F 2003/0236 | . . . | {Permeability} |
| G09F 2003/0238 | . . . | {Stress resistant} |
| G09F 2003/0239 | . . . | {Permanent adhesive} |
| G09F 2003/0241 | . . . | {Repositionable or pressure sensitive adhesive} |
| G09F 2003/0242 | . . . | {Adhesive soluble in water} |
| G09F 2003/0244 | . . . | {Adhesive soluble in chemicals} |
| G09F 2003/0245 | . . . | {Differential adhesive strength} |
| G09F 2003/0247 | . . . | {Non-strippable anti-stick coatings} |
| G09F 2003/0248 | . . . | {Variable density of distribution of adhesive spots} |
| G09F 2003/025 | . . . | {Activatable adhesive} |
| G09F 2003/0251 | . . | {Sleeve shaped label, i.e. wrapped around a device} |
| G09F 2003/0252 | . . | {associated with a leaflet} |
| G09F 2003/0254 | . . | {Luggage tag} |
| G09F 2003/0255 | . . | {laminated} |
| G09F 2003/0257 | . . | {Multilayer} |
| G09F 2003/0258 | . . . | {without carrier} |
| G09F 2003/026 | . . . | {without silicon backing} |
| G09F 2003/0261 | . . . | {encapsulated in polymer} |
| G09F 2003/0263 | . . . | {Different patterns for carrier web and label web} |
| G09F 2003/0264 | . . | {Shapes or borders} |

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| G09F 2003/0266 | . . . {Shapes other than rectangular} |
| G09F 2003/0267 | . . . {die cut} |
| G09F 2003/0269 | . . . {perforated} |
| G09F 2003/027 | . . {used to hang up an item, e.g. a perfusion bottle} |
| G09F 2003/0272 | . . {Labels for containers} |
| G09F 2003/0273 | . . . {Labels for bottles, flasks} |
| G09F 2003/0275 | . . . {Shock absorbing labels} |
| G09F 2003/0276 | . . {Safety features, e.g. colour, prominent part, logo} |
| G09F 2003/0277 | . . . {Tamper resistant} |
| G09F 2003/0279 | . . {Card, e.g. plastic} |
| G09F 2003/028 | . . {Labels containing microcapsules, e.g. ink microcapsules for indicia transfer} |
| G09F 2003/0282 | . . {for textiles, e.g. clothing} |
| G09F 2003/0283 | . . {food-compatible or edible} |
| G09F 2003/0285 | . . {Stamp-like labels} |
| G09F 3/0286 | . . {provided with adaptations for labelling machines} |
| G09F 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} |
| G09F 3/0289 | . . . {Pull- or fold out labels} |
| G09F 3/0291 | . . {Labels or tickets undergoing a change under particular conditions, e.g. heat, radiation, passage of time} |
| G09F 3/0292 | . . . {tamper indicating labels} |
| G09F 3/0294 | . . . {where the change is not permanent, e.g. labels only readable under a special light, temperature indicating labels and the like} |
| G09F 3/0295 | . . {Labels or tickets for tubes, pipes and the like} |
| G09F 3/0297 | . . {including a machine-readable marking, e.g. a bar code (digitally marked record carriers in general G06K 19/00)} |
| G09F 3/0298 | . . . {Bar code orientation; Labels in which the bar code orientation is different} |
| G09F 3/03 | . . of security seals {(means for indicating unauthorised opening of container closures B65D , e.g. B65D 27/30 , B65D 55/02 ; theft deterrent tags E05B 73/0017)} |
| G09F 3/0305 | . . . {characterised by the type of seal used} |
| G09F 3/0311 | {having arrow-like sealing means} |
| G09F 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 F16B 21/00)} |
| G09F 3/0323 | {having clamp-like sealing means} |
| G09F 3/0329 | {having electronic sealing means} |
| G09F 3/0335 | {using RFID tags} |
| G09F 3/0341 | {having label sealing means} |
| G09F 3/0347 | {having padlock-type sealing means (padlocks in general E05B 67/00)} |

- G09F 3/0352 {using cable lock}
- G09F 3/0358 {using a rigid hasp lock}
- G09F 3/0364 {having rotary sealing means}
- G09F 3/037 {having tie-wrap sealing means}
- G09F 3/0376 . . . {using a special technique to detect tampering, e.g. by ultrasonic or optical means}
- G09F 3/0382 . . . {Seals with transparent casing}
- G09F 3/0388 {With semi-transparent casing}
- G09F 3/0394 . . . {with violation indication by generating a random number (random number generators [G06F 7/58](#), [G07C 15/00](#))}
- G09F 3/04 . to be fastened or secured by the material of the label itself, e.g. by thermo-adhesion (by a separate adhesive layer [G09F 3/10](#))
- G09F 3/06 . . by clamping action (by separate clamps [G09F 3/16](#))
- G09F 3/08 . Fastening or securing by means not forming part of the material of the label itself
- G09F 3/10 . . by an adhesive layer
- G09F 3/12 . . by pins, staples, or the like
- G09F 3/14 . . by strings, straps, chains, or wires
- G09F 3/16 . . by clamps
- G09F 3/18 . . Casings, frames or enclosures for labels
- G09F 3/185 . . . {Enclosures enveloping completely the labels ([G09F 3/201](#) takes precedence)}
- G09F 3/20 . . . for adjustable, removable, or interchangeable labels
- G09F 3/201 {Enclosures enveloping completely the labels ([G09F 3/203](#) to [G09F 3/207](#) take precedence)}
- G09F 3/202 {for labels being formed by a combination of interchangeable elements, e.g. price labels ([G09F 3/203](#) to [G09F 3/207](#) take precedence)}
- G09F 3/203 {specially adapted to be attached to a transparent surface, e.g. the window of a car}
- G09F 3/204 {specially adapted to be attached to a shelf or the like}
- G09F 3/205 {specially adapted for electric cables, pipes or the like}
- G09F 3/206 {specially adapted for marking or identifying plants}
- G09F 3/207 {in the form of a badge to be worn by a person}
- G09F 3/208 {Electronic labels, Labels integrating electronic displays}
- G09F 5/00** **Means for displaying samples (packaging per se [B65](#))**
- G09F 5/02 . Portable sample cases
- G09F 5/04 . Cards of samples; Books of samples (packages comprising articles attached to cards, sheets, or webs for removal therefrom [B65D 73/00](#))
- G09F 2005/041 . . {Back covers for books of samples}
- G09F 5/042 . . {in paper, paperboard, or the like}
- G09F 2005/043 . . {for wood}

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| G09F 2005/045 | . . {for carpets} |
| G09F 2005/046 | . . {for perfumes} |
| G09F 2005/047 | . . {for furniture} |
| G09F 2005/048 | . . {for fabrics} |
| G09F 7/00 | Signs, name or number plates, letters, numerals, or symbols (vehicle registration number plates B60R 13/10); Panels or boards (show-cards G09F 1/00 ; indicating arrangements for variable information G09F 9/00 , G09F 11/00 ; illuminated signs G09F 13/00 ; boards for notices or posters G09F 15/00) |
| G09F 7/002 | . {weather-proof panels or boards (G09F 7/02 to G09F 7/14 , G09F 7/18 to G09F 7/22 take precedence)} |
| G09F 2007/005 | . {Signs associated with a sensor} |
| G09F 2007/007 | . {Signs without covering windows} |
| G09F 7/02 | . Signs, plates, panels or boards using readily-detachable elements bearing or forming symbols |
| G09F 7/04 | . . the elements being secured or adapted to be secured by magnetic means |
| G09F 7/06 | . . the elements being secured or adapted to be secured by means of pins and holes |
| G09F 7/08 | . . the elements being secured or adapted to be secured by means of grooves, rails, or slits |
| G09F 7/10 | . . . and slideably mounted |
| G09F 7/12 | . . the elements being secured or adapted to be secured by self-adhesion, moisture, suction, slow-drying adhesive or the like |
| G09F 2007/122 | . . . {by suction} |
| G09F 2007/125 | . . . {by electrostatic force} |
| G09F 2007/127 | . . . {by adhesive} |
| G09F 7/14 | . . Constructional features of the symbol bearing or forming elements |
| G09F 7/16 | . Letters, numerals, or other symbols adapted for permanent fixing to a support |
| G09F 7/165 | . . {The letters, numerals, or other symbols being obtained by a treatment of the support} |
| G09F 7/18 | . Means for attaching signs, plates, panels, or boards to a supporting structure |
| G09F 2007/1804 | . . {for fastening to a post} |
| G09F 2007/1808 | . . . {using tensioned bonds, e.g. metallic} |
| G09F 2007/1813 | . . . {using brackets having two parts for clamping the post} |
| G09F 2007/1817 | . . . {using fastening means to grip the post} |
| G09F 2007/1821 | . . . {the post having slots or flanges to fasten the sign} |
| G09F 2007/1826 | . . . {using channels on the rear of the sign board to be connected to the post, e.g. via clamps} |
| G09F 2007/183 | . . . {the sign being formed by two parts clamping the post} |
| G09F 2007/1834 | . . {Signs or the like supported by two lateral posts} |
| G09F 2007/1839 | . . {for fastening to cables} |
| G09F 2007/1843 | . . {Frames or housings to hold signs} |

- G09F 2007/1847 . . {Brackets to grip the sign board}
- G09F 2007/1852 . . {for fastening magnetically or by suction or the like}
- G09F 2007/1856 . . {characterised by the supporting structure}
- G09F 2007/186 . . . {suspended, e.g. secured to the ceiling}
- G09F 2007/1865 . . . {on vehicles}
- G09F 2007/1869 . . . {plates fixed to instruments}
- G09F 2007/1873 . . {characterised by the type of sign}
- G09F 2007/1878 . . . {Traffic orientation, street markers}
- G09F 2007/1882 . . . {Emblems, e.g. fixed by pins or screws}
- G09F 2007/1886 . . . {Tensioned flexible signs}
- G09F 2007/1891 . . . {modular}
- G09F 2007/1895 . . . {Licence number plates}
- G09F 7/20 . . for adjustably mounting
- G09F 7/22 . . for rotatably or swingably mounting, e.g. for boards adapted to be rotated by the wind

G09F 9/00 **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 [G09F 11/00](#); abacus [G06C 1/00](#); slide-rules [G06G 1/00](#))

- G09F 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, [G02F 1/00](#))
- G09F 9/301 . . {flexible foldable or roll-able electronic displays e.g. thin LCD, OLED}
- G09F 9/302 . . characterised by the form or geometrical disposition of the individual elements
- G09F 9/3023 . . . {Segmented electronic displays}
- G09F 9/3026 . . . {Video wall, i.e. stackable semiconductor matrix display modules (video wall control systems [G06F 3/1446](#), [G09G 2300/026](#))}
- G09F 9/305 . . being the ends of optical fibres ([G09F 9/302](#) takes precedence)
- G09F 2009/3055 . . . {for traffic signs}
- G09F 9/307 . . being incandescent filaments ([G09F 9/302](#) takes precedence; incandescent panels comprising a number of separate incandescent bodies, per se [H01K 9/00](#))
- G09F 9/313 . . being gas discharge devices ([G09F 9/302](#) takes precedence; gas discharge panels comprising a number of discharge gaps per se [H01J 17/49](#))
- G09F 9/33 . . being semiconductor devices, e.g. diodes ([G09F 9/302](#) takes precedence; semiconductor integrated circuits comprising components adapted for emission of light per se [H01L 27/15](#))
- G09F 9/35 . . being liquid crystals ([G09F 9/302](#) takes precedence; liquid crystal materials [C09K 19/00](#); {liquid crystal panels comprising a number of electrodes in a single cell per se [G02F 1/13](#)})
- G09F 9/37 . . being movable elements ([G09F 9/302](#) takes precedence)

- G09F 9/372 . . . {the positions of the elements being controlled by the application of an electric field}
- G09F 9/375 . . . {the position of the elements being controlled by the application of a magnetic field}
- G09F 9/377 . . . {the positions of the elements being controlled by pneumatic means}
- G09F 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
- G09F 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}
- G09F 9/46 . in which the desired character is selected from a number of characters arranged one behind the other

- G09F 11/00** **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 [A47F 3/08](#); using static means to present variable information [G09F 9/00](#))

- G09F 2011/0009 . {Roller-band displays}
- G09F 2011/0018 . . {having one motor for each roller}
- G09F 2011/0027 . . {illuminated}
- G09F 2011/0036 . . {Multiple-loop bands}
- G09F 2011/0045 . . {Methods of fixing the images on a rolling band}
- G09F 2011/0054 . . . {using a support in the form of an envelope}
- G09F 2011/0063 . . {Markings on a roller-band}
- G09F 2011/0072 . . {Methods of keeping tensioned a roller-band}
- G09F 2011/0081 . . {Roller-band displays used on vehicles}
- G09F 2011/009 . . {Means to prevent misalignment during the rolling of the band}
- G09F 11/02 . the display elements being secured to rotating members, e.g. drums, spindles
- G09F 11/025 . . {the members being rotated simultaneously, each face of the member carrying a part of the sign}
- G09F 11/04 . . the elements being secured to rotating discs {(G09F 11/025 takes precedence)}
- G09F 11/06 . . the elements being stiff plates or cards (on rotating discs [G09F 11/04](#))
- G09F 11/08 . . the elements being flexible sheets (on rotating discs [G09F 11/04](#))
- G09F 11/10 . . Electrical control therefor
- G09F 11/12 . the display elements being carried by endless belts, chains, or the like
- G09F 11/14 . . the elements being in the form of stiff flaps, boards, cards, or the like
- G09F 11/15 . . the elements being flexible sheets
- G09F 11/16 . . Electric control therefor
- G09F 11/18 . the display elements being carried by belts, chains, or the like other than endless
- G09F 11/20 . . the elements being in the form of stiff flaps, boards, cards or the like
- G09F 11/21 . . the elements being flexible sheets

- G09F 11/22 . . . Electric control therefor
- G09F 11/23 . the advertising or display material forming part of rotating members, e.g. in the form of perforations, print, or transparencies on a drum or disc
- G09F 11/232 . . . {Disc card or folded disc shaped card information display devices}
- G09F 11/235 . . . Electric control therefor
- G09F 11/24 . the advertising or display material forming part of a moving band, e.g. in the form of perforations, print, or transparencies
- G09F 11/26 . . . of an endless band
- G09F 11/28 Electric control therefor
- G09F 11/29 . . . of a band other than endless
- G09F 11/295 Electric control therefor
- G09F 11/30 . the display elements being fed one by one from storage place to a display position
- G09F 11/32 . . the feeding means comprising belts or chains, e.g. endless belts or chains
- G09F 11/325 {the display elements being stored in the form of rolls fixed in between transporting belts or chains}
- G09F 11/34 . . the feeding means comprising electromagnets
- G09F 13/00** **Illuminated signs; Luminous advertising** (G09F 9/00, G09F 11/00 take precedence; control of displays in general using static means to present variable information G09G)
- G09F 13/005 . . {Illumination controller or illuminated signs including an illumination control system}
- G09F 13/02 . Signs, boards, or panels, illuminated by artificial light sources positioned in front of the insignia
- G09F 13/04 . Signs, boards or panels, illuminated from behind the insignia
- G09F 13/0404 . . . {the light source being enclosed in a box forming the character of the sign}
- G09F 13/0409 . . . {Arrangements for homogeneous illumination of the display surface, e.g. using a layer having a non-uniform transparency (arrangements of reflectors G09F 13/14)}
- G09F 13/0413 . . . {Frames or casing structures therefor (transparency frames G03B 21/64)}
- G09F 2013/0418 . . . {Constructional details}
- G09F 2013/0422 {characterised by the presence of reflectors}
- G09F 2013/0427 {in the form of buttons}
- G09F 2013/0431 {connected to a pole}
- G09F 2013/0436 {attached to ceilings}
- G09F 2013/044 {on vehicles}
- G09F 2013/0445 {Frame details}
- G09F 2013/045 {Presence of a door}
- G09F 2013/0454 {With slidable panels or parts}
- G09F 2013/0459 {Indicating exit way or orientation}
- G09F 2013/0463 {Portable}
- G09F 2013/0468 {With tensioned or flexible display surface}

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| G09F 2013/0472 | . . . {Traffic signs} |
| G09F 2013/0477 | . . . {on containers} |
| G09F 2013/0481 | . . . {Curved shape} |
| G09F 2013/0486 | . . . {With neon tubes} |
| G09F 2013/049 | . . . {Edge illuminated} |
| G09F 2013/0495 | . . . {In the ground} |
| G09F 13/06 | . . using individual cut-out symbols or cut-out silhouettes, e.g. perforated signs |
| G09F 13/08 | . . using both translucent and non-translucent layers |
| G09F 13/10 | . . . using transparencies |
| G09F 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 |
| G09F 13/14 | . . Arrangements of reflectors thereon |
| G09F 2013/142 | . . . {multiple reflectors} |
| G09F 2013/145 | . . . {curved reflectors} |
| G09F 2013/147 | . . . {plane reflectors} |
| G09F 13/16 | . Signs formed of or incorporating reflecting elements or surfaces, e.g. warning signs having triangular or other geometrical shape |
| G09F 13/165 | . . {rotatably or swingably mounted reflecting elements or surfaces} |
| G09F 13/18 | . edge-illuminated signs |
| G09F 2013/1804 | . . {Achieving homogeneous illumination} |
| G09F 2013/1809 | . . . {using a non-homogeneous front window} |
| G09F 2013/1813 | {provided with a coating showing a pattern of dots of variable density} |
| G09F 2013/1818 | {provided with a coating of variable thickness} |
| G09F 2013/1822 | . . . {Stair-cased profiled window} |
| G09F 2013/1827 | . . . {Prismatic window} |
| G09F 2013/1831 | . . . {using more than one light source} |
| G09F 2013/1836 | . . . {using a frame-like light source} |
| G09F 2013/184 | . . {Information to display} |
| G09F 2013/1845 | . . . {Interchangeable poster} |
| G09F 2013/185 | . . . {Embossed marks} |
| G09F 2013/1854 | . . . {Light diffusing layer} |
| G09F 2013/1859 | . . . {Frosted surface} |
| G09F 2013/1863 | . . . {Layer with different refractive index} |
| G09F 2013/1868 | . . . {Fluorescent pencil} |
| G09F 2013/1872 | . . {Casing} |
| G09F 2013/1877 | . . . {Stand-like} |
| G09F 2013/1881 | . . . {Frame-like} |
| G09F 2013/1886 | . . {Special effects} |
| G09F 2013/189 | . . . {Three dimensional effects} |
| G09F 2013/1895 | {Imitating a neon tube} |

- G09F 13/20
 - with luminescent surfaces or parts (luminescent compositions [C09K 11/00](#); light sources using luminescence [F21K 2/00](#))
- G09F 13/22
 - . . electroluminescent (electroluminescent light sources per se [H05B 33/00](#))
- G09F 2013/222
 - . . . {with LEDs}
- G09F 2013/225
 - . . . {with electroluminescent lamps}
- G09F 2013/227
 - . . . {Electroluminescent displays for vehicles}
- G09F 13/24
 - using tubes or the like filled with liquid, e.g. bubbling liquid
- G09F 13/26
 - Signs formed by electric discharge tubes (by selective lighting [G09F 9/00](#))
- G09F 13/28
 - Signs formed by filament-type lamp (by selective lighting [G09F 9/00](#))
- G09F 13/30
 - with moving light sources, e.g. rotating luminous tubes
- G09F 13/32
 - with moving optical part of parts, e.g. mirrors
- G09F 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 [G09F 11/00](#); construction or details of lighting devices [F21V 11/00](#))
- G09F 13/36
 - . . co-operating with rotating screening means
- G09F 13/42
 - with light sources activated by non-visible radiation (cathode ray image or pattern display tubes [H01J 31/10](#); lamps with luminescent screens excited by cathode rays [H01J 63/06](#))
- G09F 13/44
 - with gas as a lighting source
- G09F 13/46
 - Advertising by fireworks
- G09F 15/00**
 - Boards, hoardings, pillars, or like structures for notices, placards, posters, or the like**
- G09F 15/0006
 - {planar structures comprising one or more panels}
- G09F 15/0012
 - . . {frames therefor}
- G09F 15/0018
 - . . {panel clamping or fastening means}
- G09F 15/0025
 - . . {display surface tensioning means}
- G09F 15/0031
 - . . . {Tensioned curved signs; Signs with curved tensioning structures}
- G09F 15/0037
 - . . {supported by a post}
- G09F 15/0043
 - . . {connected to a receptacle of public utility, e.g. a waste receptacle}
- G09F 15/005
 - . . {for orientation or public information}
- G09F 15/0056
 - . . {portable display standards}
- G09F 15/0062
 - . . . {collapsible}
- G09F 15/0068
 - {Modular articulated structures, e.g. stands, and articulation means therefor}
- G09F 15/0075
 - {Pillars}
- G09F 15/0081
 - . . {Rotating pillars}
- G09F 15/0087
 - {including movable parts, e.g. movable by the wind}
- G09F 2015/0093
 - {Tensioned structures}
- G09F 15/02
 - Bills, posters, or the like therefor
- G09F 15/025
 - . . {Poster carriers, i.e. devices for holding temporarily posters in order to transfer and apply them onto flat vertical surfaces}

G09F 17/00**Flags; Banners; Mountings therefor**

- G09F 2017/0008 . {Devices for avoiding twisting of the flag}
- G09F 2017/0016 . . {using ventilators}
- G09F 2017/0025 . {Raising or lowering devices}
- G09F 2017/0033 . {Flag materials}
- G09F 2017/0041 . {Suspended banners}
- G09F 2017/005 . {Means for mounting flags to masts}
- G09F 2017/0058 . . {holding rings}
- G09F 2017/0066 . {Stands for flags}
- G09F 2017/0075 . {Flags on vehicles}
- G09F 2017/0083 . {Safety flags}
- G09F 17/0091 . {Anti-foiling flagpoles; Sliding means to avoid foiling of flags on the poles}

G09F 19/00**Miscellaneous advertising or display means not provided for elsewhere**

- G09F 19/02 . incorporating moving display members
- G09F 19/04 . . operated by the opening or closing of doors, e.g. shop door
- G09F 19/06 . . Writing devices
- G09F 19/08 . . Dolls, faces, or other representations of living forms with moving parts (in the nature of toys [A63H](#))
- G09F 2019/081 . . . {Fish}
- G09F 2019/083 . . . {Plants}
- G09F 2019/085 . . . {Birds}
- G09F 2019/086 . . . {Dolls}
- G09F 2019/088 . . . {Faces}
- G09F 19/10 . . Devices demonstrating the action of an article to be advertised
- G09F 19/12 . using special optical effects (designs or pictures characterised by special light effects [B44F 1/00](#), e.g. changing pictures [B44F 1/10](#); projecting decorations in stage lighting [F21W 2111/06](#))
- G09F 19/14 . . displaying different signs depending upon the view-point of the observer
- G09F 19/16 . . involving the use of mirrors
- G09F 19/18 . . involving the use of optical projection means, e.g. projection of images on clouds (projection apparatus per se [G03B](#))
- G09F 19/20 . . with colour-mixing effects
- G09F 19/205 . . . {Special effects using different wavelengths}
- G09F 19/22 . Advertising or display means on roads, walls, or similar surfaces, e.g. illuminated (illuminated signs in general [G09F 13/00](#))
- G09F 2019/221 . . {on tunnel walls for underground trains}
- G09F 2019/223 . . {in pavement panels}
- G09F 2019/225 . . {Fire evacuation route indicating means}
- G09F 19/226 . . {Building external wall displays; Facade advertisement}
- G09F 19/228 . . {Ground signs, i.e. display signs fixed on the ground}

G09F 21/00**Mobile visual advertising**

- G09F 21/02
 - by a carrier person or animal
- G09F 2021/023
 - • {fixed on human dresses}
- G09F 21/026
 - • {Advertising carried by a person, e.g. carried on the shoulders}
- G09F 21/04
 - by land vehicles
- G09F 2021/041
 - • {magnetically fixed on the vehicles}
- G09F 21/043
 - • {supported by tyres}
- G09F 21/045
 - • {supported by the wheels}
- G09F 21/046
 - • {using the shaking brought about by the locomotion of the vehicle}
- G09F 21/048
 - • {Advertisement panels on sides, front or back of vehicles}
- G09F 21/06
 - by aeroplanes, airships, balloons, or kites
- G09F 21/08
 - • the advertising matter being arranged on the aircraft
- G09F 21/10
 - • • illuminated
- G09F 21/12
 - • the advertising matter being towed by the aircraft ([kites per se B64C 21/06](#))
- G09F 21/14
 - • • illuminated
- G09F 21/16
 - • Sky-writing ([aircraft adaptation for sky-writing B64D 1/20](#))
- G09F 21/18
 - by ships or other floating means
- G09F 21/20
 - • illuminated
- G09F 21/22
 - Dispensing devices for pamphlets or similar advertising matter from vehicles ([from aircraft B64D 1/00](#))

G09F 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](#))

- G09F 2023/0008
 - {on parking meters}
- G09F 2023/0016
 - {on pens}
- G09F 2023/0025
 - {on containers}
- G09F 2023/0033
 - • {on refrigerated containers}
- G09F 2023/0041
 - {on cigarette lighters}
- G09F 2023/005
 - {on seats}
- G09F 23/0058
 - {on electrical household appliances, e.g. on a dishwasher, a washing machine or a refrigerator.}
- G09F 23/0066
 - {on sports articles, e.g. golf clubs}
- G09F 23/0075
 - {on tooth brushes}
- G09F 23/0083
 - {on petrol dispensers}
- G09F 23/0091
 - {on soda or beer cans}
- G09F 23/02
 - the advertising matter being displayed by the operation of the article
- G09F 23/04
 - • illuminated
- G09F 23/06
 - the advertising matter being combined with articles for restaurants, shops or offices ([on paper articles G09F 23/10](#))
- G09F 23/065
 - • {Advertising in food vending machines}

| | |
|-------------------|---|
| G09F 23/08 | <ul style="list-style-type: none"> • . with tableware |
| G09F 23/10 | <ul style="list-style-type: none"> • Advertisement on paper articles, e.g. booklets, newspapers |
| G09F 23/105 | <ul style="list-style-type: none"> • . {on paper for wrapping flowers} |
| G09F 23/12 | <ul style="list-style-type: none"> • . on toilet paper |
| G09F 23/14 | <ul style="list-style-type: none"> • on toys, games, puzzles, or similar devices |
| G09F 23/16 | <ul style="list-style-type: none"> • on clocks, e.g. controlled by the clock mechanism |
| G09F 25/00 | Audible advertising (sound recording or reproducing per se G11B ; public address systems H04R 27/00) |
| G09F 2025/005 | <ul style="list-style-type: none"> • {Message recorded in a memory device} |
| G09F 27/00 | Combined visual and audible advertising or displaying, e.g. for public address |
| G09F 2027/001 | <ul style="list-style-type: none"> • {Comprising a presence or proximity detector} |
| G09F 2027/002 | <ul style="list-style-type: none"> • {Advertising message recorded in a memory device} |
| G09F 27/004 | <ul style="list-style-type: none"> • {Displays including an emergency or alarm message} |
| G09F 27/005 | <ul style="list-style-type: none"> • {Signs associated with a sensor} |
| G09F 27/007 | <ul style="list-style-type: none"> • {Displays with power supply provided by solar cells or photocells} |
| G09F 27/008 | <ul style="list-style-type: none"> • {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)} |