

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](#))

NOTE

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}
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}
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}
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}
- 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 swingatly 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 15/0093 . {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 17/0008 . {Devices for avoiding twisting of the flag}
- G09F 17/0016 . . {using ventilators}
- G09F 17/0025 . {Raising or lowering devices}
- G09F 17/0033 . {Flag materials}
- G09F 17/0041 . {Suspended banners}
- G09F 17/005 . {Means for mounting flags to masts}
- G09F 17/0058 . . {holding rings}
- G09F 17/0066 . {Stands for flags}
- G09F 17/0075 . {Flags on vehicles}
- G09F 17/0083 . {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 . . with tableware
- G09F 23/10 . Advertisement on paper articles, e.g. booklets, newspapers
- G09F 23/105 . . on paper for wrapping flowers
- G09F 23/12 . . on toilet paper
- G09F 23/14 . on toys, games, puzzles, or similar devices
- G09F 23/16 . 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 . {[Message recorded in a memory device](#)}

G09F 27/00

Combined visual and audible advertising or displaying, e.g. for public address

- G09F 2027/001 . {Comprising a presence or proximity detector}
- G09F 2027/002 . {Advertising message recorded in a memory device}
- G09F 27/004 . {Displays including an emergency or alarm message}
- G09F 27/005 . {Signs associated with a sensor}
- G09F 27/007 . {Displays with power supply provided by solar cells or photocells}
- G09F 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](#))}