

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

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.

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 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 . . 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](#))}