

**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".

**Guidance heading:****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

<b>G09F 27/00</b>	<b>Combined visual and audible advertising or displaying, e.g. for public address</b>
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 <a href="#">E04F 10/005</a> ) }