

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1174

DATE: JANUARY 1, 2022

PROJECT MP0504

The following classification changes will be effected by this Notice of Changes:

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Titles Changed:	G08B	3/1008, 3/1083, 3/14
	G08B	5/002, 5/222
	G08B	13/08, 13/122, 13/126, 13/1609, 13/18, 13/19, 13/19608, 13/19626, 13/22, 13/2417, 13/2434, 13/2445
	G08B	17/103, 17/11
	G08B	21/00
	G08B	25/06
DEFINITIONS:		
Definitions New:	G08B	3/1008, 3/14
	G08B	5/002
	G08B	13/2417
Definitions Modified:	G08B	Subclass
	G08B	3/00, 3/10
	G08B	5/00
	G08B	13/00, 13/196

This Notice of Changes includes the following [Check the ones included]:

1. CLASSIFICATION SCHEME CHANGES

- A. New, Modified or Deleted Group(s)
- B. New, Modified or Deleted Warning(s)
- C. New, Modified or Deleted Note(s)
- D. New, Modified or Deleted Guidance Heading(s)

2. DEFINITIONS

- A. New or Modified Definitions (Full definition template)
- B. Modified or Deleted Definitions (Definitions Quick Fix)

3. REVISION CONCORDANCE LIST (RCL)

4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

5. CHANGES TO THE CROSS-REFERENCE LIST (CRL)

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1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

SUBCLASS G08B – SIGNALING OR CALLING SYSTEMS; ORDER TELEGRAPHS; ALARM SYSTEMS

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	G08B 3/1008	2	{Personal calling arrangements or devices, i.e. paging systems (selective calling systems and call receivers H04W 84/00, H04W 68/00)}	
M	G08B 3/1083	4	{Pager locating systems}	
M	G08B3/14	1	using explosives	
M	G08B 5/002	1	{Distress signalling devices, e.g. rescue balloons (vehicle optical signalling for indicating emergencies B60Q 1/52)}	
M	G08B 5/222	2	{Personal calling arrangements or devices, i.e. paging systems (selective calling systems and call receivers H04W 84/00, H04W 68/00)}	
M	G08B 13/08	2	by opening, e.g. of door, of window, of drawer, of shutter, of curtain, of blind	
M	G08B 13/122	3	{for a perimeter fence (features peculiar to electrified fences A01K 3/00)}	
M	G08B 13/126	3	{for a housing, e.g. a box, a safe, or a room}	
M	G08B 13/1609	2	{using active vibration detection systems}	
M	G08B 13/18	1	Actuation by interference with heat, light, or radiation of shorter wavelength; Actuation by intruding sources of heat, light, or radiation of shorter wavelength	
M	G08B 13/19	3	using infra-red-radiation detection systems {(G08B 13/194 takes precedence)}	
M	G08B 13/19608	6	{Tracking movement of a target, e.g. by detecting an object predefined as a target, using target direction and or velocity to predict its new position}	

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<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	G08B 13/19626	6	{optical details, e.g. lenses, mirrors or multiple lenses}	
M	G08B 13/22	1	Electrical actuation	
M	G08B 13/2417	6	{having a radio frequency identification chip}	
M	G08B 13/2434	5	{Tag housing and attachment details}	
M	G08B 13/2445	6	{Tag integrated into item to be protected, e.g. source tagging}	
M	G08B 17/103	2	using a light emitting and receiving device	
M	G08B 17/11	2	using an ionisation chamber for detecting smoke or gas	
M	G08B 21/00	0	Alarms responsive to a single specified undesired or abnormal condition and not otherwise provided for	
M	G08B 25/06	2	using power transmission lines	

*N = new entries where reclassification into entries is involved; C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; T = existing entries with enlarged file scope, which receive documents from C or D entries, e.g. when a limiting reference is removed from the entry title; M = entries with no change to the file scope (no reclassification); D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed; U = entries that are unchanged.

NOTES:

- **No {curly brackets} are used for titles in CPC only subclasses, e.g. C12Y, A23Y; 2000 series symbol titles of groups found at the end of schemes (orthogonal codes); or the Y section titles. The {curly brackets} are used for 2000 series symbol titles found interspersed throughout the main trunk schemes (breakdown codes).
- U groups: it is obligatory to display the required “anchor” symbol (U group), i.e. the entry immediately preceding a new group or an array of new groups to be created (in case new groups are not clearly subgroups of C-type groups). Always include the symbol, indent level and title of the U group in the table above.
- All entry types should be included in the scheme changes table above for better understanding of the overall scheme change picture. Symbol, indent level, and title are required for all types.
- “Transferred to” column must be completed for all C, D, F, and Q type entries. F groups will be deleted once reclassification is completed.
- When multiple symbols are included in the “Transferred to” column, avoid using ranges of symbols in order to be as precise as possible.
- For administrative transfer of documents, the following text should be used: “< administrative transfer to XX>”, “<administrative transfer to XX and YY simultaneously>”, or “<administrative transfer to XX, YY, ...and ZZ simultaneously>” when administrative transfer of the same documents is to more than one place.

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- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be “additional information”.
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations “ADD” or “INV”: <administrative transfer to XX ADD> , <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the “D” entries of 2000-series or Y-series groups may not require a destination (“Transferred to”) symbol, however it is required to specify “<no transfer>” in the “Transferred to” column for such cases.
- For finalisation projects, the deleted “F” symbols should have <no transfer> in the “Transferred to” column.
- For more details about the types of scheme change, see CPC Guide.

2. A. DEFINITIONS (new)

Insert: The following new Definitions.

G08B 3/1008

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Network topologies	H04W 84/00
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G08B 3/14

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Guiding railway traffic	B61L
Alarm locks with detonating alarm devices	E05B 45/04

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G08B 5/002

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Arrangements for vehicles of signalling for indicating emergencies	B60Q 1/52
Balloons	B64B 1/40

G08B 13/2417

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Record carriers for use with machines and with at least a part designed to carry digital markings	G06K 19/00
Administration; Management	G06Q 10/00

2. A. DEFINITIONS (Modified)

G08B

Definition statement

Replace: The existing Definition statement text with the following revised text.

Visual, audible, tactile signalling systems (or combinations thereof) and arrangements of signalling in devices if not provided for elsewhere.

Burglar, theft or intruder alarms. Identifying, scaring or incapacitating burglars, thieves or intruders.

Fire alarms; Alarms responsive to explosion.

Alarms responsive to unspecified undesired or abnormal operating condition if not provided for elsewhere.

Alarm systems in which the location of the alarm condition is signalled to a central station, either spontaneously or upon interrogation from the central station.

Alarm systems in which the alarm condition is signalled from a central station to a plurality of substations.

Checking or monitoring of signalling or alarm systems; Prevention or correction of operating errors, e.g. preventing unauthorised operation; Predictive alarm systems characterised by extrapolation or other computation using updated historic data.

Relationships with other classification places

Replace: The existing Relationships with other classification places text with the following revised text.

The mere provision of an audible or visible signalling device on a measuring or switching apparatus;

Alarm systems for indicating that a specific variable has reached a predetermined value are classified in subclasses of G01 specifying the particular variable concerned;

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Alarms relating to specific processes or types of machines or apparatus are covered by the relevant subclasses for the processes, machines, or apparatus.

G08B is principally defined in terms of fields of application, rather than fields of technology. For example **G08B 13/00** is defined in terms of burglar, theft or intruder alarms but not limited to a particular technology, such as camera systems, tag systems etc. The systems and devices classified in **G08B** consequently involve many different technologies and the subclass has a high number of neighbouring technical fields. Neighbouring technical fields are typically either those areas dealing with the sensing devices per se (typically **G01**) or other application fields which use the same technologies (usually in **G06**, **G07** or **H04N**).

Example 1:

G08B 13/2402 deals with electronic article surveillance using tags attached to valuables. Often these tags are radio frequency identification tags (RFID). However, RFID techniques and devices per se are classified in **G06K**. Likewise many other specific applications using RFID tags should not be classified in **G08B**, e.g. entrance control using tags (**G07C**), inventory systems using tags (**G06Q**).

Example 2:

Theft detection using cameras belongs to **G08B**, Close-circuit television (CCTV) systems per se are classified in the video fields (**H04N 7/00**). Other systems employ similar camera systems, but for a different purpose. E.g. entrance systems using cameras (**G07C**), traffic control using cameras (**G08G**). The mere mentioning of surveillance in a video system does not qualify the document for classification in **G08B**. In **G08B** the object of surveillance is always to detect theft or intrusion.

References

Informative references

Replace: The existing Informative references table with the following revised table.

Signalling arrangements on vehicles	B60Q
Railway signalling systems or devices	B61L
Signalling systems on cycles	B62J 3/00
Signalling or alarm devices in mines	E21F 17/18

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Lamps or shutters for lamps	F21S
Sensitive measuring elements	G01K
Traffic control systems	G08G
Visual indicating means	G09G
Sound-producing devices	G10K
Radio or near-field calling systems	H04B 5/00, H04B 7/00
Selecting arrangements	H04Q 5/00, H04Q 9/00
Loudspeakers, microphones, gramophone pick-ups or like acoustic electromechanical transducers	H04R

Delete: The entire Special rules of classification section.

G08B 3/00

References

Insert: The following new Application-oriented references section.

Application-oriented references

Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:

Indicating the time by acoustic means	G04B 21/00
Producing acoustic time signals by electrical means	G04C 21/00
Telephonic communication systems combined with bell systems	H04M 11/02

Informative references

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Signalling devices actuated by tyre pressure	B60C 23/02
Alarm locks	E05B 45/00
Alarm locks with mechanically-operated bells	E05B 45/02
Electric alarm locks	E05B 45/06
Indicating liquid or fluent solid material level by means of an alarm	G01F 23/0015
Sound producing devices, e.g. hooter, buzzer	G10K
Telephonic systems with personal calling arrangements	H04M 11/022
Distributing signals to two or more loudspeakers	H04R 3/12
Public address systems	H04R 27/00
User notification, e.g. alerting and paging	H04W 68/00

Delete: The entire Special rules of classification section.

G08B 3/10

References

Informative references

Replace: The existing Informative references table with the following revised table.

Telephonic communication systems combined with bell systems	H04M 11/02
Distributing signals to two or more loudspeakers	H04R 3/12
Public address systems	H04R 27/00

G08B 5/00

Definition statement

Insert: A period after “visually” at the end of the existing text so that it reads as follows.

Visible signalling systems. Paging receivers signalling visually.

Insert: The following new Relationships with other classification places section.

Relationships with other classification places

With a view to understanding the relevance of the term "visually" for the classification of paging receivers, the following information is of importance.

Paging receivers which signal visually are classified in this group. This implies that:

- **G08B** hosts the paging receivers, which is not explicit from the main group titles.
- The paging receivers are classified in two different groups in **G08B**. If the paging receiver details the way it signals VISUALLY, it is to be classified under **G08B 5/22**. If the paging receiver presents details as to how it signals AUDIBLY, it shall be classified under **G08B 3/10+**.
- If the paging receiver presents details as to how to signal both audibly and visually, since no appropriate entry exists for paging receivers under **G08B 7/00**, the document shall be classified in both **G08B 5/00** and **G08B 3/00** accordingly.
- Paging systems are NOT to be classified in **G08B**, rather **H04W** (formerly also **H04Q**).
- All Visual indicators of the types specified in the subgroups of **G08B 7/06** (e.g. indication of emergency exits or escape routes) are classified there and not in **G08B 5/00**, even if they comprise only visual signalling means.

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References**Informative references**Replace: The existing Informative references table with the following revised table.

Signalling arrangements on vehicles	B60Q 1/34, B60Q 1/46
Locks with signaling devices	E05B 39/00
Electro-, magneto- or acousto-optic display devices	G02F
Display of alphanumeric information	G09F
Display tubes	H01J 17/49
Lamps for indicating	H01K 7/04
Paging systems	H04Q, H04W
Electroluminescent light sources	H05B 33/00
Circuit arrangements for flashing lamps	H05B 39/09, H05B 41/30

Delete: The entire Special rules of classification section.**G08B 13/00****References****Informative references**Replace: The existing Informative references table with the following revised table.

Fire or police telegraphic systems	G08B 25/00, G08B 26/00, H04M 11/04
Devices to prevent theft or loss of purses, luggage or hand carried bags	A45C 13/18
Anti-theft means for show stands, hangers or shelves	A47F 5/0861
Layered products, e.g. glass panels	B32B 17/00

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Vehicle theft alarms	B60R 25/10
Cycle theft alarms	B62H 5/00
Seals for envelopes	B65D 27/30
Seals for containers	B65D 55/02
Containers incorporating RFID tag	B65D 2203/10
Anti-theft means for containers	B65D 2211/00
Locks giving indication of unauthorized opening	E05B 39/00
Alarm locks. Alarm systems limited to lock systems	E05B 45/00, H01H 13/18, E05B 45/06
Anti-theft devices fixed to portable articles	E05B 73/0017
Tags fixed to articles to be removed at check out	E05B 73/0023
Alarm devices for safes	E05G 1/10
Windows, doors against burglary	E06B 5/11
Mechanical details for pivoting arrangements, e.g. for cameras	F16M 11/12
Illumination activated by motion detection	F21V 23/0442, H05B 47/105
Photometry; Lens details	G01J 1/04
Radiation pyrometry; Infrared sensors	G01J 5/08
Opening detection in general	G01R 11/24
Active positioning systems	G01S
Detecting using light barriers	G01V 8/10
Detecting using light barriers, single beams	G01V 8/16
Detecting using light barriers, multi beams	G01V 8/24
Security arrangements for protecting input/output devices, i.e. mouse, keyboards	G06F 21/83
Security arrangements for protecting casings of electronic components	G06F 21/86
RFID readers	G06K 7/00

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Pattern recognition based on images	G06K 9/00
Recognition of humans or body parts in video images	G06K 9/00362
Recognising scenes under surveillance, e.g. with Markovian modelling of scene activity	G06K 9/00771
RFID transponders	G06K 19/07
Tracking of shipping of goods	G06Q 10/0833
Motion analysis in video images	G06T 7/20
Camera calibration, e.g. determining intrinsic or extrinsic parameters	G06T 7/80
Control access systems, sometimes combined with EAS systems	G07C 9/00
Anti-theft control in POS systems	G07G 3/003
Security seals	G09F 3/03
Fastening or securing to goods by means of strings, straps, chains, or wires	G09F 3/14
Antenna details, also for EAS interrogators	H01Q 1/22, H01Q 7/04
Arrangements for secret or secure communication	H04L9/00
Fire or burglar alarm telephonic systems	H04M 11/04
Closed circuit television systems	H04N 7/18

G08B 13/196

Definition statement

Replace: The existing Definition statement text with the following revised text.

Theft or intrusion detection using video cameras.

Many details are contemplated by the classification scheme, and they should be allocated as completely as possible. They are grouped within the following structure:

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- Movement detection and image analysis
- Camera casing
- Details of the system layout
- Electrical details
- Camera communication details
- Data storage details
- User interface details

In general, a document which discloses generally known subject matter pertaining to one or more of the detailed subgroups, but where the invention does not lie in the aspects covered by these subgroups, should not be allocated that particular classification. If no subgroup can be appropriately allocated, then the document should be classified in [G08B 13/196](#) as invention information, and the details present in the document should be classified in the corresponding subgroups as additional information. A document where the invention clearly focuses on the topic of an existing subgroup should be given only this subgroup as invention information, further details being classified as additional information where appropriate.

Insert: The following new Relationships with other classification places section.

Relationships with other classification places

Personal safety, industrial process control, traffic surveillance, entry-exit systems, tele-presence or video conferencing systems are not classified in [G08B](#) (see the neighbouring fields of main group [G08B 13/00](#)).

References

Informative references

Replace: The existing Informative references table with the following revised table.

Image analysis per se	G06T 7/00
Television cameras	H04N 5/225