

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 321

DATE: NOVEMBER 1, 2016

PROJECT MP0235

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
Title wording change:	G08B	subclass
	G08B	3/00
	G08B	5/00
	G08B	5/14
	G08B	5/24
	G08B	5/40
	G08B	6/00
	G08B	7/00
	G08B	9/00
	G08B	13/00
	G08B	13/06
	G08B	13/183
	G08B	15/00
	G08B	17/00
	G08B	17/06
	G08B	17/11
	G08B	17/113
	G08B	17/117
	G08B	17/12
	G08B	21/06
	G08B	21/10
	G08B	21/24
	G08B	25/06
	G08B	25/08
	G08B	29/06
New Definitions:	G08B	5/24
	G08B	5/40
	G08B	17/06
	G08B	17/11
	G08B	17/113
	G08B	17/117
	G08B	17/12
	G08B	19/02
	G08B	21/06
	G08B	21/10
	G08B	21/12
	G08B	21/24
	G08B	25/06
	G08B	25/08
	G08B	29/06
Modified Definitions:	G08B	subclass

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<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
	G08B	3/00
	G08B	5/00
	G08B	6/00
	G08B	7/00
	G08B	9/00
	G08B	13/00
	G08B	13/06
	G08B	13/183
	G08B	15/00
	G08B	17/00

No other subclasses/groups are impacted by this Notice of Changes.

This Notice of Changes includes the following:

1. CLASSIFICATION SCHEME CHANGES
 - A. New, Modified or Deleted Group(s)
 - B. New, Modified or Deleted Warning Notice(s)
 - C. New, Modified or Deleted Note(s)
 - D. New, Modified or Deleted Guidance Heading(s)
2. DEFINITIONS (New or Modified)
 - A. DEFINITIONS (Full definition template)
 - B. DEFINITIONS (Definitions Quick Fix)
3. REVISION CONCORDANCE LIST (RCL)
4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)
5. CROSS-REFERENCE LIST (CRL)

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1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

SUBCLASS G08B- SIGNALLING 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 (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	G08B	subclass	SIGNALLING OR CALLING SYSTEMS; ORDER TELEGRAPHS; ALARM SYSTEMS {(signalling arrangements on vehicles B60Q, B62D41/00; railway signalling systems or devices B61L; on cycles B62J3/00, B62J6/00; signalling or alarm devices in mines E21F17/18; lamps or shutters therefor F21; sensitive measuring elements, see the appropriate subclasses of G01; traffic control systems G08G; visual indicating means G09; sound-producing devices G10; radio or near-field calling systems H04B5/00, H04B7/00; selecting arrangements H04Q5/00, H04Q9/00; loudspeakers, microphones, gramophone pick-ups or like acoustic electromechanical transducers H04R)}	
M	G08B3/00	0	Audible signalling systems; Audible personal calling systems {(signalling devices actuated by tyre pressure B60C23/02; alarm locks E05B45/00, e.g. with mechanically-operated bells E05B45/02, electric E05B45/06; sound producing devices, e.g. hooter, buzzer, G10K; telephonic systems provided with personal calling arrangements H04M11/022)}	
M	G08B5/00	0	visible signalling systems, e.g. personal calling systems, remote indication of seats occupied {(locks with visible signalling devices E05B39/00; electro-, magneto- or acousto-optic display devices G02F; display tubes H01J17/49, H01K7/04; electro-luminescent devices H05B33/00)}	
M	G08B5/14	2	with indicator element moving about a pivot, e.g. hinged flap or rotating vane	
M	G08B5/24	2	with indicator element moving about a pivot, e.g. hinged flap or rotating vane {(signalling devices for telephones H04M19/04; telecontrolling indicating devices, e.g. hinged flap, G08C19/30; signalling systems for auctioneering devices H04L12/1804)}	

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<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	G08B5/40	1	using smoke, fire or coloured gases {(for personal calling arrangements G08B3/1008, G08B3/1016; smoke producers for aircraft B64D1/16-B64D1/20; chemical compositions C06B; missiles, e.g. of tracer, illuminating, signal or smoke producing type F42B)}	
M	G08B6/00	0	Tactile signalling systems, e.g. personal calling systems {(apparatus for generating mechanical vibrations B06B1/045; motors converting reciprocating into rotary movement or vice-versa H02K7/06; motors with reciprocating, oscillating, or vibrating magnet, armature, or coil system H02K33/00; telephone hand set vibration alarms H04M19/047)}	
M	G08B7/00	0	Signalling systems according to more than one of groups G08B3/00-G08B6/00; Personal calling systems according to more than one of groups G08B3/00-G08B6/00 {(combinations of display devices with advertising G09F)}	
M	G08B9/00	0	Order telegraph apparatus, i.e. means for transmitting one of a finite number of different orders at the discretion of the user, e.g. bridge to engine room orders in ships {(signaling devices in mines E21F17/18)}	
M	G08B13/00	0	Burglar, theft or intruder alarms {(fire or police telegraphic systems G08B25/00, G08B26/00, H04M11/04; vehicle theft alarms B60R25/10; cycle theft alarms B62H5/00)}	
M	G08B13/06	2	by tampering with fastening {(alarm locks E05B45/00; alarm devices on safes E05G1/10)}	
M	G08B13/183	3	by interruption of a radiation beam or barrier {(industrial safety devices with photocells F16P3/14)}	
M	G08B15/00	0	Identifying, scaring or incapacitating burglars, thieves or intruders, e.g. by explosives {(devices to prevent loss of bags, trunks or travelling baskets by producing sound, piercing, gas-discharging or the like A45C13/24; alarm locks E05B45/00, e.g. with detonating alarm E05B45/04)}	
M	G08B17/00	0	Fire alarms; Alarms responsive to explosion {(automatic fire-extinguishing and alarm devices A62C35/00, A62C37/00; structural combination of lighting devices with smoke detectors F21V33/0076; arrangement of safety devices on stoves F24C7/08)}	
M	G08B17/06	1	Electric actuation of the alarm, e.g. using a thermally-operated switch {(thermally-operated electric switches per se H01H37/00)}	
M	G08B17/11	2	using an ionisation chamber for detecting smoke or gas {(gas analysis by investigating the ionisation G01N27/62)}	

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
M	G08B17/113	3	Constructional details	
M	G08B17/117	2	by using a detection device for specific gases, e.g. combustion products, produced by the fire (G08B17/103, G08B17/11 take precedence {; investigating or analysing gases in general G01N, e.g. by using electric means G01N27/00; particle spectrometers <u>per se</u> H01J49/00)}	
M	G08B17/12	1	Actuation by presence of radiation or particles, e.g. of infra-red radiation or of ions {(flame detection in burners F23N5/00; alarm or controlling circuits using ionisation chamber, proportional counters or Geiger-Müller tubes also functioning as u-v detectors G01T7/125)}	
U	G08B19/02	1	Alarm responsive to formation or anticipated formation of ice {(indicating weather conditions G01W 1/00)}	
M	G08B21/06	2	indicating a condition of sleep, e.g. anti-dozing alarms {(psychotechnic analysis of vehicle drivers A61B5/18; safety devices for propulsion-unit control of vehicles responsive to incapacity of driver B60K28/06)}	
M	G08B21/10	2	responsive to calamitous events, e.g. tornados or earthquakes	
U	G08B21/12	2	responsive to undesired emission of substances, e.g. pollution alarms	
M	G08B21/24	2	Reminder alarms, e.g. anti-loss alarms	
M	G08B25/06	2	using power transmission lines {(systems in general for transmission of information via power distribution lines H04B 3/54)}	
M	G08B25/08	2	using communication transmission lines {(G08B13/19658, G08B21/0286, G08B25/016 take precedence; specific aspects of telephone communication systems adapted for combination with alarm systems H04M11/04)}	
M	G08B29/06	2	Monitoring of the line circuits, e.g. signalling of line faults {(testing or locating faults in cables or lines in general G01R31/02, G01R31/08)}	

*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; E= 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.

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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).
- For U groups, the minimum requirement is to include the U group located immediately prior to the N group or N group array, in order to show the N group hierarchy and improve the readability and understanding of the scheme. 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 except “D” which requires only a symbol.
- #“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>” or “<administrative transfer to XX and YY simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be “invention information”, unless otherwise indicated, and to 2000 series groups is assumed to be “additional information”.

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2. A. DEFINITIONS (New)

INSERT: The following NEW definitions:

G08B5/24

References

Limiting references

This place does not cover:

Signalling devices for telephones	H04M19/04
Telecontrolling indicating devices, e.g. hinged flap,	G08C19/30
Signalling systems for auctioneering devices	H04L12/1804

G08B5/40

References

Limiting references

This place does not cover:

Missiles, e.g. of tracer, illuminating, signal or smoke producing type	F42B
Chemical compositions	C06B
Smoke producers for aircraft	B64D1/16 - B64D1/20
For personal calling arrangements	G08B3/1008 G08B3/1016

Informative references

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

Sky-writing	G09F21/16
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G08B17/06

References

Informative references

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

Thermally-operated electric switches <u>per se</u>	H01H37/00
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G08B17/11

References

Informative references

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

Vacuum gauges making use of ionisation effects	G01L21/30
Gas analysis by investigating the ionisation	G01N27/62

G08B17/113

References

Informative references

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

Discharge tubes for measuring pressure of introduced gas, or for detecting presence of gas, in general	H01J41/02
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G08B17/117**References*****Limiting references****This place does not cover:*

For detecting light-scattering due to smoke	G08B17/103
Using an ionisation chamber for detecting smoke or gas	G08B17/11
Particle spectrometers <u>per se</u>	H01J49/00

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

Investigating or analysing gases in general	G01N
Investigating or analysing materials by the use of electric, electro-chemical, or magnetic means	G01N27/00

G08B17/12**References*****Limiting references****This place does not cover:*

Alarm or controlling circuits using ionisation chamber, proportional counters or Geiger-Müller tubes also functioning as u-v detectors	G01T7/125
Flame detection in burners	F23N5/00

G08B19/02**References*****Limiting references****This place does not cover:*

Indicating weather conditions	G01W1/00
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G08B21/06**References*****Limiting references****This place does not cover:*

Psychotechnic analysis of vehicle drivers	A61B5/18
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Informative references*Attention is drawn to the following places, which may be of interest for search:*

Safety devices for propulsion-unit control of vehicles responsive to incapacity of driver	B60K28/06
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G08B21/10**References*****Informative references****Attention is drawn to the following places, which may be of interest for search:*

Seismology	G01V1/00
Indicating weather conditions	G01W1/00

G08B21/12**References*****Informative references****Attention is drawn to the following places, which may be of interest for search:*

Alarms on pipe lines	F17D3/01
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G08B21/24**References*****Informative references****Attention is drawn to the following places, which may be of interest for search:*

Devices to prevent loss of bags or the like	A45C13/24
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G08B25/06**References*****Informative references****Attention is drawn to the following places, which may be of interest for search:*

Systems in general for transmission of information via power distribution lines	H04B3/54
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G08B25/08**References*****Limiting references****This place does not cover:*

Telephone systems used to communicate with a camera, e.g. PSTN, GSM, POTS	G08B13/19658
Tampering or removal detection of the child unit from child or article.	G08B21/0286
Personal emergency signalling and security systems	G08B25/016

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

Telephone communication systems combined with alarm systems	H04M11/04
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G08B29/06

References

Informative references

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

Testing or locating faults in cables or lines in general	G01R31/02 G01R31/08
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Definitions (modified):

G08B

Limiting references

In the existing Limiting references table (12th row, 2nd column):

Delete: H04Q7/00

Insert: H04Q5/00

In the existing Limiting references table (the entire 4th row):

Delete: Safes or strong rooms with alarm devices E05G

G08B3/00

Limiting references

Delete: From the existing Limiting references table, the following rows:

Audible indication ...	G04B21/00, G04C21/00
Distributing signals ...	H04R27/00
Intercoms	H04M11/02
Loudspeakers	H04R 3/12
Selective calling ...	H04W 68/00

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Insert: In the existing Limiting references table, the following rows:

Alarm locks e.g. with mechanically-operated bells	E05B45/02
Alarm locks e.g. with electric	E05B45/06

Informative references

Insert: Under the last row, in the existing Informative references table, the following rows:

Audible indication of time signals	G04B21/00 G04C21/00
Distributing signals to two or more loudspeakers for public address systems	H04R27/00
Intercoms	H04M11/02
Loudspeakers	H04R3/12
Selective calling systems and call receivers	H04W68/00

G08B5/00

Limiting references

Delete: The following rows from the existing Limiting references table:

- Arrangements on vehicles ... B60Q1/34, B60Q1/46
- Circuit arrangements ... H05B 41/30, H05B 39/09
- Display of alphanumeric ... G09F
- Display of time ... G04B19/00, G04C17/00,
G04C19/00, G04G9/00
- Flags ... G09F
- Mechanical indicators ... G09F9/00
- Paging systems ... H04Q, H04W

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Insert The following **new** Informative references table, as follows:

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

Arrangements on vehicles	B60Q1/34 , B60Q1/46
Circuit arrangements for flashing lamps	H05B41/30 , H05B39/09
Display of alphanumeric information	G09F
Paging systems	H04Q , H04W

Special rules of classification

Delete: The following symbol from the existing Special rules section, second paragraph:

G08B5/00(22+)

Replace with: G08B5/22

G08B6/00

Limiting references

Delete: The following rows from the existing Limiting references table:

Deaf-aid sets	H04R25/00
Indication of time by feeling	G04B25/02

Insert The following **new** Informative references table, as follows:

Informative references

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

Deaf-aid sets	H04R25/00
Indication of time by feeling	G04B25/02

G08B7/00

Insert The following **new** Limiting references table, as follows:

Limiting references

This group does not cover:

Audible signaling systems and personal calling systems with more than one group	G08B3/00 - G08B6/00
Combinations of display devices with advertising	G09F

G08B9/00

Limiting references

Delete: The entire existing Limiting references section/table.

Insert: The following **new** Informative references table.

Informative references

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

Signalling devices in mines	E21F17/18
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G08B13/00

Limiting references

Delete: All existing rows in the Limiting references table (*not* the section, only the existing rows).

Insert: The following **new** row in the Limiting references table.

fire or police telegraphic systems	G08B25/00, G08B26/00, H04M11/04
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Informative references

Delete: The following five rows in the existing Informative references table.

- Closed circuit ... HO4N7/18 (two of this row – delete one; leave one row)
- Fastening or securing... G09F3/14
- Opening or tampering of casing...G06F21/86
- Opening or tampering of input/output...G06F21/83
- Windows, doors against burglary... E06B5/11

Insert: The following new rows in the existing Informative references table.

Alarm devices on safes	E05G1/10
Alarm locks. Alarm systems limited to lock systems	E05B45/00 H01H13/18 E05B45/06
Anti-theft control in POS systems	G07G3/003
Control access systems, sometimes combined with EAS systems.	G07C9/00
Cycle theft alarms	B62H5/00
Fire or burglar alarm telephonic systems	H04M11/04
Network intrusion	H04L29/00
Recognising scenes under surveillance, e.g. with Markovian modelling of scene activity	G06K9/00771
RFID readers	G06K7/00
RFID transponders	G06K19/07
Security seals	G09F3/03
Sensing <u>per se</u>	G01
Tags fixed to articles to be removed at check out	E05B73/0023
Vehicle theft alarms	B60R25/10
Windows, doors against burglary	E06B5/11

G08B13/06

Limiting references

Insert: The following three new rows in the existing Informative references table:

Alarm locks	E05B45/00
Alarm devices on safes	E05G1/10
Anti-theft means in containers	B65D2211/00

G08B13/183

Limiting references

Insert: The following new Limiting references section:

This place does not cover:

Industrial safety devices with photocells	F16P3/14
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G08B15/00

Limiting references

Insert: The following new Limiting references section:

This place does not cover:

Devices to prevent loss of bags, trunks or travelling baskets by producing sound, piercing, gas-discharging or the like	A45C13/24
Alarm locks	E05B45/00
Detonating alarm	E05B45/04

Informative references

Delete: The following two rows in the existing Informative references table:

Alarm clocks... E05B45/04
 Devices to prevent... A45C13/24

G08B17/00

Limiting references

Insert: The following new Limiting references section:

This place does not cover:

Automatic fire-extinguishing and alarm devices	A62C35/00 A62C37/00
Structural combination of lighting devices with smoke detectors	F21V33/0076
Arrangement of safety devices on stoves	F24C7/08

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Informative references

Delete: The following rows in the existing Informative references table:

Automatic fire... A62C35/00, A62C37/00

Structural combination... F21V33/0076