

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 507

MAY 1, 2018

PROJECT MP0347

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:	G03B	SUBCLASS
	G03B	1/60
	G03B	1/66
	G03B	3/00
	G03B	3/12
	G03B	9/08
	G03B	11/00
	G03B	13/00
	G03B	15/04
	G03B	15/05
	G03B	15/16
	G03B	17/04
	G03B	17/36
	G03B	17/48
	G03B	17/50
	G03B	17/56
	G03B	21/00
	G03B	21/10
	G03B	21/20
	G03B	21/26
	G03B	21/44
	G03B	21/50
	G03B	21/53
	G03B	23/00
	G03B	25/00
	G03B	27/00
	G03B	27/30
	G03B	27/34
	G03B	27/53
	G03B	27/54
	G03B	27/72
	G03B	29/00
	G03B	31/00
	G03B	35/00

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<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
	G03B	42/00
	G03B	42/02
	G03B	42/06
	G03B	42/08
	G03B	43/00
	G03B	43/02
Notes Modified	G03B	SUBCLASS
DEFINITIONS:		
Definitions New:	G03B	3/12
	G03B	15/02
	G03B	17/50
	G03B	21/26
	G03B	21/53
	G03B	21/54
	G03B	27/34
	G03B	43/00
Definitions Modified:	G03B	SUBCLASS
	G03B	1/66
	G03B	3/00
	G03B	15/16
	G03B	17/36
	G03B	17/48
	G03B	17/56
	G03B	21/00
	G03B	23/00
	G03B	29/00

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

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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. Modified Groups**SUBCLASS G03B - APPARATUS OR ARRANGEMENTS FOR TAKING PHOTOGRAPHS OR FOR PROJECTING OR VIEWING THEM; APPARATUS OR ARRANGEMENTS EMPLOYING ANALOGOUS TECHNIQUES USING WAVES OTHER THAN OPTICAL WAVES; ACCESSORIES THEREFOR**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>(new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	G03B	SUBCLASS	APPARATUS OR ARRANGEMENTS FOR TAKING PHOTOGRAPHS OR FOR PROJECTING OR VIEWING THEM; APPARATUS OR ARRANGEMENTS EMPLOYING ANALOGOUS TECHNIQUES USING WAVES OTHER THAN OPTICAL WAVES; ACCESSORIES THEREFOR (optical parts of such apparatus G02B; photosensitive materials or processes for photographic purposes G03C; apparatus for processing exposed photographic materials G03D)	
M	G03B 1/60	1	Measuring or indicating length of the used or unused film; Counting number of exposures	
M	G03B 1/66	2	Counting number of exposures	
M	G03B 3/00	0	Focusing arrangements of general interest for cameras, projectors or printers	
M	G03B 3/12	2	adapted for remote control	
M	G03B 9/08	1	Shutters	
M	G03B 11/00	0	Filters or other obturators specially adapted for photographic purposes	
M	G03B 13/00	0	Viewfinders; Focusing aids for cameras; Means for focusing for cameras; Autofocus systems for cameras	
M	G03B 15/04	3	Combinations of cameras with non-electronic flash apparatus; Non-electronic flash units	
M	G03B 15/05	3	Combinations of cameras with electronic flash apparatus; Electronic flash units	
M	G03B 15/16	1	for photographing the track of moving objects (high-speed photography G03B 39/00)	

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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	G03B 17/04	2	collapsible, foldable or extensible, e.g. book type	
M	G03B 17/36	1	Counting number of exposures (of film strips G03B 1/66)	
M	G03B 17/48	1	adapted for combination with other photographic or optical apparatus	
M	G03B 17/50	2	with both developing and finishing apparatus	
M	G03B 17/56	1	Accessories (carrying-cases A45C 11/38)	
M	G03B 21/00	0	Projectors or projection-type viewers; Accessories therefor (devices for changing pictures G03B 23/00)	
M	G03B 21/10	1	Projectors with built-in or built-on screen	
M	G03B 21/20	2	Lamp housings	
M	G03B 21/26	2	Projecting separately subsidiary matter simultaneously with main image	
M	G03B 21/44	4	Mechanisms transmitting motion to film-strip feed; Mechanical linking of shutter and intermittent feed	
M	G03B 21/50	3	Control devices operated by the film strip during the run	
M	G03B 21/53	2	Means for automatic focusing, e.g. to compensate thermal effects	
M	G03B 23/00	0	Devices for changing pictures in viewing apparatus or projectors	
M	G03B 25/00	0	Viewers, other than projection viewers, giving motion-picture effects by persistence of vision, e.g. zoetrope	
M	G03B 27/00	0	Photographic printing apparatus	
M	G03B 27/30	3	adapted to be combined with processing apparatus	
M	G03B 27/34	2	Means for automatic focusing therefor	
M	G03B 27/53	3	Automatic registration or positioning of originals with respect to each other or the photosensitive layer	
M	G03B 27/54	3	Lamp housings; Illuminating means	
M	G03B 27/72	1	Controlling or varying light intensity, spectral composition, or exposure time in photographic printing apparatus	
M	G03B 29/00	0	Combinations of cameras, projectors or photographic printing apparatus with non-photographic non-optical apparatus, e.g. clocks or weapons; Cameras having the shape of other objects (combinations with flash apparatus G03B 15/03)	

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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	G03B 31/00	0	Associated working of cameras or projectors with sound-recording or sound-reproducing means	
M	G03B 35/00	0	Stereoscopic photography	
M	G03B 42/00	0	Obtaining records using waves other than optical waves; Visualisation of such records by using optical means	
M	G03B 42/02	1	using X-rays	
M	G03B 42/06	1	using ultrasonic, sonic or infrasonic waves	
M	G03B 42/08	1	Visualisation of records by optical means	
M	G03B 43/00	0	Testing correct operation of photographic apparatus or parts thereof	
M	G03B 43/02	1	Testing shutters	

*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.

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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C. New, Modified or Deleted Note(s)

SUBCLASS G03B - APPARATUS OR ARRANGEMENTS FOR TAKING PHOTOGRAPHS OR FOR PROJECTING OR VIEWING THEM; APPARATUS OR ARRANGEMENTS EMPLOYING ANALOGOUS TECHNIQUES USING WAVES OTHER THAN OPTICAL WAVES; ACCESSORIES THEREFOR

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
M	G03B (Subclass)	<p>1. This subclass covers, as far as processes are concerned, only processes characterised by the use or manipulation of apparatus classifiable per se in this subclass.</p> <p>2. {This subclass covers:</p> <ul style="list-style-type: none"> • apparatus or methods for taking photographs using light sensitive film for image capture, apparatus, or methods for printing, for projecting or viewing images using film stock, photographic film or slides by optical means, e.g. mounting of optical elements, flashes, or their related controls, e.g. exposure, focus, (opto-)mechanical motion blur (anti-shake), cooling, beam shaping; • aspects of apparatus or methods for taking photographs using an electronic image sensor [EIS] for image capture, insofar as they correspond to those of said apparatus or methods for taking photographs using light sensitive film, i.e. insofar not peculiar to the presence of the EIS, e.g. mounting of optical elements or flashes not peculiar to the presence of the EIS, or their related controls insofar they are not peculiar to the presence of the EIS, e.g. exposure, focus, (opto-)mechanical motion blur (anti-shake); • aspects of apparatus or methods for projecting or viewing images using an electronic spatial light modulator [ESLM], insofar as they correspond to those of said apparatus or methods for projecting or viewing images using film stock, photographic film or slides, i.e. insofar as not peculiar to the presence of the ESLM, e.g. mounting of optical elements not 	<p><u>Replace</u> the entire existing Notes with the following:</p> <p>This subclass covers, as far as processes are concerned, only processes characterised by the use or manipulation of apparatus classifiable per se in this subclass.</p>

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<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
		<p>peculiar to the presence of the ESLM, or their related controls not peculiar to the presence of the ESLM, e.g. cooling, beam shaping, optical keystone correction;</p> <ul style="list-style-type: none"> • (opto-)mechanical image enhancement in printers or projectors, e.g. keystone correction; • optical viewfinders; • remote control of cameras and projectors insofar not peculiar to the EIS or ESLM; • optical aspects of camera modules using electronic image sensors or related constructional details; • constructional aspects of projectors, e.g. cooling, beam shaping, light integrating means not peculiar to the ESLM.} <p>3. {This subclass <u>does not cover</u>:</p> <ul style="list-style-type: none"> • concerning cameras or projectors: • arrangements or methods for image capture peculiar to the presence or use of an EIS or image projection peculiar to the presence or use of an ESLM, and their related controls insofar they are peculiar to the presence or use of the EIS or ESLM, which are covered by H04N; • processing of electrical image signals from the EIS or provided to the ESLM, which is covered by H04N; • electronic viewfinders, e.g. control of image pickup devices based on information indicated by the electronic viewfinder displaying an image signal generated by the EIS, which are covered by H04N; • electrical or mechanical aspects of camera modules using electronic image sensors and related constructional details as in webcams or mobile phones, which are covered by H04M, H04N; • details of projectors peculiar to the use of an ESLM, e.g. dichroic or polarizing arrangements specially adapted for the ESLM, which are covered by H04N; • remote control of cameras or projectors peculiar to the EIS or the ESLM, e.g. affecting their operation, or based on a 	

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<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
		<p>generated electrical image signal, which is covered by H04N;</p> <ul style="list-style-type: none"> • adaptations peculiar to the use of an EIS or ESLM or the display, the transmission, recording or other use of electrical image data and related circuitry, e.g. mounting of EIS or ESLM, integrated cleaning system for the EIS, dust mapping, cooling of the EIS. which are covered by H04N; • video cameras, TV cameras, e.g. in studios, CCTV cameras, surveillance cameras and camcorders; <p>constructional and mechanical details related to such cameras, e.g. housings, even when not peculiar to the presence of an EIS, which are covered by H04N 5/225; • systems or apparatus wherein the inventive contribution lies in features covered above, concerning cameras when interacting with those to be covered by G03B, e.g. switch-over between electronic motion-blur correction of electronic viewfinder during focussing and optical motion-blur correction of the lens during exposure, electronic-motion blur correction of the electronic image signal based on output signals of additional sensor, or interaction between mechanical shutter and electronic control of the charge accumulation period of the EIS, which are covered by H04N.</p> <ul style="list-style-type: none"> • EIS-sensor read-out, which is covered by H04N 5/335; • processing or use of electrical image signals from the EIS for the generation of camera control signals. e.g. focusing, exposure control, electronic blur correction, display in electronic viewfinder, which are covered by H04N 5/232, H04N 5/235. • optical parts for apparatus or arrangements for taking photographs or for projecting or viewing them, which are covered by G02B; 	

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<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
		<ul style="list-style-type: none"> • photosensitive materials for photographic purposes, which are covered by G03C; • apparatus for processing exposed photographic materials; accessories therefor, which are covered by G03D. • optical elements or arrangements associated with solid state imager structures, which are covered by H01L 27/146;} <p>4. {In this subclass the following expression is used with the meaning indicated: subject to the application of Notes 1 and 2 above, "photography" is the process of recording pictures by means of capturing light on a light-sensitive medium, e.g. silver halide based chemical or an electronic image sensor. Light patterns reflected or emitted from objects expose such a light sensitive medium during a timed exposure, usually through a photographic lens in a device known as a camera. }</p> <p>5. {In this subclass, as in subclass H04N, the following terms are used with the meaning indicated:</p> <ul style="list-style-type: none"> • "camera": a device capturing image information represented by light patterns reflected or emitted from objects, and exposing a light sensitive film or a main electronic image sensor during a timed exposure, usually through a photographic lens, and producing an image on a light sensitive film or an electrical image information signal respectively; • "projector": a device displaying image information by projection of light patterns, usually through an optical lens, wherein the light patterns are generated by illuminating an image, e.g. film or slide, or by converting an electric image signal into an optical signal using an electronic spatial light modulator; • "electronic image sensor [EIS]": optoelectronic transducer, converting optical image information into an electrical signal susceptible of being processed, stored, transmitted or displayed; 	

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<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
		<ul style="list-style-type: none">• "additional sensor": a sensor, other than the main electronic image sensor, used for controlling a camera;• "electronic spatial light modulator [ESLM]": optoelectronic transducer converting electric signals representing image information into optical image information.)	

*N = new note, M = modified note, D = deleted note

NOTE: The "Location" column only requires the symbol PRIOR to the location of the note. No further directions such as "before" or "after" are required.

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2. A. DEFINITIONS (new)

Insert the following new definitions.

G03B 3/12

References

Informative references

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

Control systems in general	G05
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G03B 15/02

References

Informative references

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

Functional features or details of lighting devices or systems thereof; Structural combinations of lighting devices with other articles, not otherwise provided for	F21V
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G03B 17/50

References

Informative references

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

Processing apparatus	G03D
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G03B 21/26

References

Informative references

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

Light pointers	G02B 27/20
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G03B 21/53

References

Informative references

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

Automatic focusing in general	G02B 7/09
Systems for automatic generation of focusing signals	G02B 7/28

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G03B 21/54

References

Informative references

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

Tables specially adapted to be used with domestic photographic projectors	A47B 37/02
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G03B 27/34

References

Informative references

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

Systems for automatic generation of focusing signals	G02B 7/28
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G03B 43/00

References

Informative references

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

Measuring specific variables	G01
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2. A. DEFINITIONS (modified)

G03B

Definition statement

This place covers:

Delete: The entire content of the Definition statement.

Insert: The following four paragraphs and their associated bullet statements.

Details common to at least two of the following types of photographic apparatus:
cameras, projectors, printers

- Film-strip handling
- Focusing arrangements
- Adjustment of optical system relative to image or object surface, other than for focusing

Photographic apparatus

- Cameras
- Projectors or projection-type viewers, or their details
- Photographic printing apparatus, or their details
- Combinations of cameras, projectors, or photographic printing apparatus with non-photographic non-optical apparatus

Details common to cameras

- Control of exposure by setting shutters, diaphragms, or filters separately or conjointly, in particular remote control
- Exposure-making shutters
- Diaphragms
- Filters or other obturators specially adapted for photographic purposes
- Optical viewfinders
- Devices used in connection with camera focusing, including focusing aids or autofocus systems
- Special procedures or apparatus for taking photographs

Photographic techniques and processes

- Processes – and solely those processes – characterised by the use or manipulation of apparatus classifiable per se in this subclass, in particular:

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- Associated working of cameras or projectors with sound-recording or -reproducing means
- Colour photography, other than mere exposure or projection of a colour film
- Stereoscopic photography
- Panoramic or wide-screen photography
- Photographing extended surfaces
- Photographing internal surfaces
- High-speed photography
- Other special photographic techniques
- Obtaining records using waves other than optical waves, or visualising such records by using optical means
- Testing correct operation of photographic apparatus or parts thereof

Relationships with other classification places

Replace: The existing four paragraphs (first four paragraphs):

H04N relates to pictorial communication ... concept specific to the electronic format.

The printing of a record obtained ... a latent image is produced.

Photographic processes are covered by ... of a photosensitive medium.

Subclass G03C covers photographic materials, ... is covered by H04N.

with the following two new headers and five paragraphs.

G03B and G03C:

Photographic processes are covered by subclass **G03B** when the process relates to the exposure of the photosensitive medium, in order to generate the latent image, whereas subclass **G03C** covers the photographic processes that involve a chemical transformation of the photosensitive medium, such that the latent image is transformed into a visible and permanent record.

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G03B and H04N:

H04N relates to pictorial communication and covers processes and apparatus where the photographic record is obtained in a purely electronic format and the concept of the invention relates to a concept specific to the electronic format.

The printing of a record obtained via the processes or apparatus of subclass **H04N** is classified in class **B41** if the only chemical processing involved consists in the after-treatment of ink applied to the recording surface, but is classified in subclass **G03B** if a latent image is produced.

Electronic image capturing apparatus or processes where an electronic image sensor converts an optical image into electrical signals, e.g. by controlling the electronic image sensor or by processing the electrical signals, are typically – but not always – covered by Subclass **H04N**.

With respect to projectors or projection-type viewers, this subject matter is typically – but not always – covered by Subclass **H04N** when it is characterised by the processing or handling of the electronic image signals. Due regard should be given to the Special Rule of Classification stated below.

Insert: In the first sentence of the existing 5th paragraph the term “also” between the words “are” and “covered” as shown below:

The following aspects of cameras or projectors are also covered by **H04N**:

Replace: In the caption of the first figure the term “schemes”:

The following schemes are intended to illustrate the relationship between **H04N** and **G03B**.

with the term “diagrams”.

The following diagrams are intended to illustrate the relationship between **H04N** and **G03B**.

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Insert: Immediately following the first figure the following paragraph.

Thus, in **G03B** aspects of apparatus or methods for taking photographs using an electronic image sensor [EIS] for image capture are classified insofar as they correspond to those of said apparatus or methods for taking photographs using light sensitive film, i.e. insofar not peculiar to the presence or use of the EIS, e.g. mounting of optical elements or flashes, and their related controls insofar they are not peculiar to the presence of the EIS, e.g. exposure, focus, (opto-) mechanical motion blur (anti-shake);

Insert: Immediately following the second figure the following paragraphs.

In **G03B**, aspects of apparatus or methods for projecting or viewing images using an electronic spatial light modulator [ESLM] are classified insofar as they correspond to those of said apparatus or methods for projecting or viewing images using film stock, photographic film or slides, i.e. insofar as not peculiar to the presence of the ESLM, e.g. mounting of optical elements not peculiar to the presence of the ESLM, and their related controls not peculiar to the presence of the ESLM, e.g. cooling, beam shaping, optical keystone correction;

As far as processes are concerned, only processes characterised by the use or manipulation of apparatus classified in **G03B**.

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References

Limiting references

This place does not cover:

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

Optical elements or arrangements associated with solid state imager	H01L 27/146
Constructional and mechanical details related to Video cameras, TV cameras (e.g. in studios), CCTV cameras, surveillance cameras and camcorders even when not peculiar to the presence of an electronic image sensor [EIS]	H04N 5/225
Processing or use of electrical image signals from the EIS for the generation of camera control signals. e.g. focusing, exposure control, electronic blur correction, display in electronic viewfinder	H04N 5/232 , H04N 5/235
EIS-sensor read-out	H04N 5/335

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:

Delete: The following row from the *Application-oriented references* table:

Photographic arrangements structurally combined with the vessel:	
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Replace: The text for the following rows in the *Application-oriented references* table:

- in vessels common to two or more basic types of discharge tubes or lamps	H01J 5/16
- in cathode-ray tubes or in electron-beam tubes	H01J 29/89
- in discharge tubes with provision for introducing objects or material to be exposed to the discharge	H01J 37/22

with the following text:

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Photographic arrangements structurally combined with the vessel in vessels common to two or more basic types of discharge tubes or lamps	H01J 5/16
Photographic arrangements structurally combined with the vessel in cathode-ray tubes or in electron-beam tubes	H01J 29/89
Photographic arrangements structurally combined with the vessel in discharge tubes with provision for introducing objects or material to be exposed to the discharge	H01J 37/22

Informative references

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

Change: The symbol of the following row

Means for focusing of apparatus for photomechanical production of textured or patterned surfaces	G03F 7/207
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from

[G03F 7/207](#)

to

[G03F 7/20](#)

Change: The text in the following row in the *Informative references* table:

Data storage in general	G11B, G11C
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to

Data storage: Information storage based on relative movement between record carrier and transducer; Static stores	G11B, G11C
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Insert: The following rows into the *Informative references* table:

Optical elements or arrangements associated with solid state imager structures;	H01L 27/146
Constructional and mechanical details related to Video cameras, TV cameras (e.g. in studios), CCTV cameras, surveillance cameras and camcorders even when not peculiar to the presence of an electronic image sensor [EIS]	H04N 5/225
Processing or use of electrical image signals from the EIS for the generation of camera control signals. e.g. focusing, exposure control, electronic blur correction, display in electronic viewfinder	H04N 5/232 , H04N 5/235
Transforming light into electric information using solid-state image sensors	H04N 5/335

Insert: The following *Special rules of classification* section:

Special rules of classification

When the following subject matter is classified in this subclass, it is desirable to classify it also in Subclass H04N, when some aspects are considered of interest for search purposes:

- Digital still cameras, or their details
- Projectors or projection-type viewers using an electronic spatial light modulator, or their details
- Video cameras, CCTV cameras, surveillance cameras and camcorders, or details thereof

Glossary of terms

In this place, the following terms or expressions are used with the meaning indicated:

Replace: The existing meaning for the expression Records with:

Records	Photographs or any other kind of latent, directly-visible or permanent storage of pictorial information, which consist of an imagewise distribution of a quantity, e.g. an electric charge pattern, recorded on a carrier member
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Insert: The following row into the *Glossary of terms* table as the last entry in the table:

Optical	Applies to visible light but also to ultra-violet radiation or infra-red radiation
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G03B 1/66

References

Informative references

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

Insert: The following new row into the *Informative references* table.

Measuring length <i>per se</i>	G01B
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G03B 3/00

References

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:

Replace: The existing row in the *Application-oriented references* table.

Means for focusing of cameras	G03B 13/18
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with the following new text:

Focusing aids for cameras	G03B 13/18
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Replace: The existing row in the *Application-oriented references* table.

Autofocus systems of cameras	G03B 13/32
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with the following new text:

Means for focusing for cameras	G03B 13/32
--------------------------------	------------

Add: The following new symbol

G03F

to the second column in the *Application-oriented* table for row

Means for automatic focusing of photographic printing apparatus or copying cameras	G03B 27/34
--	------------

The text and new symbols will appear as follows:

Means for automatic focusing of photographic printing apparatus or copying cameras	G03B 27/34, G03F
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G03B 15/16**References**

Insert: The following row into a new *Limiting references* section and table.

Limiting references

This place does not cover:

High-speed photography	G03B 39/00
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Insert: The following row into a new *Application-oriented references* section and table.

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:

Plates or blocks in which tracks of nuclear particles are made visible by after treatment, using photographic emulsion	G01T 5/10
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Informative references

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

Delete: The entire existing *Informative references* section, table and two rows.

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G03B 17/36

References

Insert: The following row into a new *Limiting references* section and table.

Limiting references

This place does not cover

Of film strips	G03B 1/66
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Informative references

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

Delete: The terms “per se” from the following text in the *Informative references* table.

Counting mechanisms per se	G06M
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G03B 17/48

References

Insert: The following two rows into a new *Application-oriented references* section and table.

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:

Microscopes	G02B 21/00
Telescopes	G02B 23/00

Informative references

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

Delete: The entire existing *Informative references* section, table and two rows.

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G03B 17/56**References**

Insert: The following rows into a new *Informative references* section and table.

Informative references

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

Camera tripods	F16M
Stands or trestles as support for apparatus or articles placed thereon	F16M 11/00
Means for attachment of apparatus allowing quick-release	F16M 11/041
Movement that the support can allow for the object to be supported	F16M 11/043 - F16M 11/14, F16M 11/2007 - F16M 11/24
Tripods	F16M 11/24
Monopod or tripod having a central telescopic column	F16M 11/28
Tripods with telescopic legs	F16M 11/32
Means for supporting on, or holding steady relative to, a person,	F16M 13/04
Lens caps	G03B 11/041

Limiting references

This place does not cover:

Delete: All the rows in the *Limiting references* table, EXCEPT for the following row:

Camera cases	A45C 11/38
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G03B 21/00**References****Informative references**

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

Insert: The following rows into the *Informative references* table.

Optical distortion correction, e.g. keystone	G03B 21/147
Interactive projectors (whiteboards) with input means to control the projection	G06F 3/00
Projectors peculiar to the use of an electronic spatial light modulator	H04N 9/3197
Electronic correction of distortions, e.g. video signal processing	H04N 5/7475
Laser projectors using scanning devices	H04N 9/3129

Limiting references

This place does not cover:

Delete: All the rows in the *Limiting references* table, EXCEPT for the following row:

Devices for changing pictures	G03B 23/00
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G03B 23/00

Insert: The following term and meaning into a new *Glossary of terms* section and table.

Glossary of terms

In this place, the following terms or expressions are used with the meaning indicated:

Picture	Any flat representation, whether transparent or not, e.g. produced by photography, writing, or printing
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G03B 29/00

References

Insert: The following row into a new *Limiting references* section and table.

Limiting references

This place does not cover:

Combinations with flash apparatus	G03B 15/03
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