

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 354

DATE: JANUARY 1, 2017

PROJECT RP0409

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
<b>Symbols deleted:</b>	G06T	7/0018
	G06T	7/002
	G06T	7/0022
	G06T	7/0024
	G06T	7/0026
	G06T	7/0028
	G06T	7/003
	G06T	7/0032
	G06T	7/0034
	G06T	7/0036
	G06T	7/0038
	G06T	7/004
	G06T	7/0042
	G06T	7/0044
	G06T	7/0046
	G06T	7/0048
	G06T	7/0051
	G06T	7/0053
	G06T	7/0055
	G06T	7/0057
	G06T	7/0059
	G06T	7/0061
	G06T	7/0063
	G06T	7/0065
	G06T	7/0067
	G06T	7/0069
	G06T	7/0071
	G06T	7/0073
	G06T	7/0075
	G06T	7/0077
	G06T	7/0079
	G06T	7/0081
	G06T	7/0083
	G06T	7/0085
	G06T	7/0087
	G06T	7/0089
	G06T	7/0091
	G06T	7/0093
	G06T	7/0095
	G06T	7/0097
	G06T	7/2006
	G06T	7/2013
	G06T	7/202

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<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
	G06T	7/2026
	G06T	7/2033
	G06T	7/204
	G06T	7/2046
	G06T	7/2053
	G06T	7/206
	G06T	7/2066
	G06T	7/2073
	G06T	7/208
	G06T	7/2086
	G06T	7/2093
	G06T	7/401
	G06T	7/402
	G06T	7/403
	G06T	7/404
	G06T	7/405
	G06T	7/406
	G06T	7/407
	G06T	7/408
	G06T	7/602
	G06T	7/604
	G06T	7/606
	G06T	7/608
	G06T	2207/20136
	G06T	2207/20141
	G06T	2207/20144
	G06T	2207/20148
<b>Symbols newly created:</b>	G06T	7/10
	G06T	7/11
	G06T	7/12
	G06T	7/13
	G06T	7/136
	G06T	7/143
	G06T	7/149
	G06T	7/155
	G06T	7/162
	G06T	7/168
	G06T	7/174
	G06T	7/181
	G06T	7/187
	G06T	7/194
	G06T	7/207
	G06T	7/215
	G06T	7/223
	G06T	7/231
	G06T	7/238
	G06T	7/246
	G06T	7/248
	G06T	7/251

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<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
	G06T	7/254
	G06T	7/262
	G06T	7/269
	G06T	7/277
	G06T	7/285
	G06T	7/292
	G06T	7/30
	G06T	7/32
	G06T	7/33
	G06T	7/337
	G06T	7/344
	G06T	7/35
	G06T	7/37
	G06T	7/38
	G06T	7/41
	G06T	7/42
	G06T	7/44
	G06T	7/45
	G06T	7/46
	G06T	7/48
	G06T	7/49
	G06T	7/50
	G06T	7/507
	G06T	7/514
	G06T	7/521
	G06T	7/529
	G06T	7/536
	G06T	7/543
	G06T	7/55
	G06T	7/557
	G06T	7/564
	G06T	7/571
	G06T	7/579
	G06T	7/586
	G06T	7/593
	G06T	7/596
	G06T	7/62
	G06T	7/64
	G06T	7/66
	G06T	7/68
	G06T	7/70
	G06T	7/73
	G06T	7/74
	G06T	7/75
	G06T	7/77
	G06T	7/80
	G06T	7/85
	G06T	7/90
	G06T	7/97

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<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
<b>Title wording change:</b>	G06T	Subclass
	G06T	7/00
	G06T	7/0002
	G06T	7/001
	G06T	7/0014
	G06T	7/0016
	G06T	7/20
	G06T	7/40
	G06T	7/60
<b>Modified Definitions:</b>	G06T	3/0068
	G06T	5/005
	G06T	5/006
	G06T	5/30
	G06T	7/20
	G06T	7/40
	G06T	11/003
	G06T	11/60
	G06T	15/205
	G06T	17/00
	G06T	17/05
	G06T	19/003
<b>Deleted Definitions:</b>	G06T	7/0018
	G06T	7/002
	G06T	7/0022
	G06T	7/0024
	G06T	7/0026
	G06T	7/0028
	G06T	7/003
	G06T	7/0032
	G06T	7/0034
	G06T	7/0036
	G06T	7/0038
	G06T	7/004
	G06T	7/0042
	G06T	7/0044
	G06T	7/0046
	G06T	7/0048
	G06T	7/0051
	G06T	7/0053
	G06T	7/0055
	G06T	7/0057
	G06T	7/0059
	G06T	7/0061
	G06T	7/0063
	G06T	7/0065
	G06T	7/0067
	G06T	7/0069
	G06T	7/0071

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<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
	G06T	7/0073
	G06T	7/0075
	G06T	7/0077
	G06T	7/0079
	G06T	7/0081
	G06T	7/0083
	G06T	7/0085
	G06T	7/0087
	G06T	7/0089
	G06T	7/0091
	G06T	7/0093
	G06T	7/0095
	G06T	7/0097
	G06T	7/2006
	G06T	7/2013
	G06T	7/202
	G06T	7/2026
	G06T	7/2033
	G06T	7/204
	G06T	7/2046
	G06T	7/2053
	G06T	7/206
	G06T	7/2066
	G06T	7/2073
	G06T	7/208
	G06T	7/2086
	G06T	7/2093
	G06T	7/401
	G06T	7/402
	G06T	7/403
	G06T	7/404
	G06T	7/405
	G06T	7/407
	G06T	7/408
	G06T	7/602
	G06T	7/604
	G06T	7/606
	G06T	7/608
<b>Scheme Notes to be added:</b>	G06T	7/10
<b>Scheme Notes to be deleted:</b>	G06T	Subclass

**The following subclasses are also impacted by this Notice of Changes:**  
*A61B, B60R, G01B, G01C, G01J, G01S, G05B, G05D, G06F, G06K, G08B, H04N.*

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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 Notice(s)
  - C. NEW, Modified or Deleted Notes
  - 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 G06T- IMAGE DATA PROCESSING OR GENERATION, IN GENERAL**

<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	G06T		IMAGE DATA PROCESSING OR GENERATION, IN GENERAL	
M	G06T7/00	0	Image analysis	
M	G06T7/0002	1	{Inspection of images, e.g. flaw detection}	
M	G06T7/001	3	{using an image reference approach}	
M	G06T7/0014	3	{using an image reference approach}	
M	G06T7/0016	4	{involving temporal comparison}	
D	G06T7/0018	1	{Camera calibration, e.g. determining intrinsic or extrinsic parameters}	<administrative transfer to G06T7/80>
D	G06T7/002	2	{Stereo camera calibration, e.g. determination of the transformation between left camera coordinate system and right camera coordinate system}	<administrative transfer to G06T7/85>
D	G06T7/0022	1	{Determining parameters from multiple pictures (depth or shape from stereo images G06T7/0075; depth or shape from multiple images G06T7/0065; stereo camera calibration G06T7/002)}	<administrative transfer to G06T7/97>
D	G06T7/0024	2	{Registration of images, e.g. alignment of images (image matching for pattern recognition or image matching in general G06K9/6203)}	<administrative transfer to G06T7/30>
D	G06T7/0026	3	{using correlation-based methods}	<administrative transfer to G06T7/32>
D	G06T7/0028	3	{using feature-based methods}	<administrative transfer to G06T7/33>
D	G06T7/003	4	{involving reference images or patches (image matching for pattern recognition or image matching in general G06T9/6203)}	<administrative transfer to G06T7/337>
D	G06T7/0032	4	{involving models (model matching for pattern recognition G06T9/6204, G06T9/6878)}	<administrative transfer to G06T7/344>

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D	G06T7/0034	3	{using statistical methods (image matching by comparing statistics of regions for pattern recognition G06T9/6212)}	<administrative transfer to G06T7/35>
D	G06T7/0036	3	{using transform-domain based approaches}	<administrative transfer to G06T7/37>
D	G06T7/0038	3	{Registration of image sequences}	<administrative transfer to G06T7/38>
D	G06T7/004	1	{Determining position or orientation of objects}	<administrative transfer to G06T7/70>
D	G06T7/0042	2	{using feature-based methods}	<administrative transfer to G06T7/73>
D	G06T7/0044	3	{involving reference images or patches (image matching for pattern recognition or image matching in general G06T9/6203)}	<administrative transfer to G06T7/74>
D	G06T7/0046	3	{involving models (model matching for pattern recognition G06T9/6204, G06T9/6878)}	<administrative transfer to G06T7/75>
D	G06T7/0048	2	{using statistical methods (image matching by comparing statistics of regions for pattern recognition G06T9/6212)}	<administrative transfer to G06T7/77>
D	G06T7/0051	1	{Depth or shape recovery}	<administrative transfer to G06T7/50>
D	G06T7/0053	2	{from shading}	<administrative transfer to G06T7/507>
D	G06T7/0055	2	{from specularities}	<administrative transfer to G06T7/514>
D	G06T7/0057	2	{from laser ranging and structured images, e.g. interferometry (image acquisition and arrangements for measuring contours or curvatures of an object by projecting a pattern, thereupon G01B 11/25)}	<administrative transfer to G06T7/521>
D	G06T7/0059	2	{from texture}	<administrative transfer to G06T7/529>
D	G06T7/0061	2	{from perspective effects, e.g. using vanishing points}	<administrative transfer to G06T7/536>
D	G06T7/0063	2	{from line drawings}	<administrative transfer to G06T7/543>
D	G06T7/0065	2	{from multiple images}	<administrative transfer to G06T7/55>
D	G06T7/0067	3	{from contours}	<administrative transfer to G06T7/564>
D	G06T7/0069	3	{from focus}	<administrative transfer to G06T7/571>

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D	G06T7/0071	3	{from motion}	<administrative transfer to G06T7/579>
D	G06T7/0073	3	{from multiple light sources, e.g. photometric stereo}	<administrative transfer to G06T7/586>
D	G06T7/0075	3	{from stereo images}	<administrative transfer to G06T7/593>
D	G06T7/0077	4	{from three or more stereo images}	<administrative transfer to G06T7/596>
D	G06T7/0079	1	{Segmentation or edge detection (image analysis based on texture or colour features G06T7/40; motion-based segmentation G06T7/2006; separation of touching or overlapping patterns for pattern recognition G06K9/34; extraction of features or characteristics of the image for pattern recognition G06K9/46)}	<administrative transfer to G06T7/10>
D	G06T7/0081	2	{Region-based segmentation (image analysis based on texture or colour features G06T7/40; separation of touching or overlapping patterns by cutting or merging for pattern recognition G06K9/342; quantising the analogue image signal for pattern recognition G06K9/38; extraction of features or characteristics of the image related to colour for pattern recognition G06K9/4652)}	<administrative transfer to G06T7/11>
D	G06T7/0083	2	{Edge-based segmentation (detecting partial patterns or configurations G06K9/4604)}	<administrative transfer to G06T7/12>
D	G06T7/0085	2	{Edge detection (detecting partial patterns or configurations G06T9/4604)}	<administrative transfer to G06T7/13>

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D	G06T7/0087	2	<i>{involving probabilistic approaches, e.g. Markov Random Field [MRF] modeling (Markov models or related models or networks embedding Markov models for pattern recognition G06T9/6297; classification techniques based on a parametric, e.g. probabilistic, model G06T9/6277; detecting partial patterns or configurations by analysing connectivity relationship of elements of the pattern G06T9/4638)}</i>	<administrative transfer to G06T7/143>
D	G06T7/0089	2	<i>{involving deformable models, e.g. active contour (pattern recognition techniques involving a deformation of the sample or reference pattern or elastic matching G06T9/6206)}</i>	<administrative transfer to G06T7/149>
D	G06T7/0091	2	<i>{involving morphological operators (combinations of preprocessing functions using a local operator for pattern recognition G06T9/56)}</i>	<administrative transfer to G06T7/155>
D	G06T7/0093	2	<i>{involving graph-based approaches (non-hierarchical partitioning techniques based on graph theory for pattern recognition G06T9/6224)}</i>	<administrative transfer to G06T7/162>
D	G06T7/0095	2	<i>{involving transform domain approaches (detecting partial patterns, e.g. edges or contours, using the Hough transform for pattern recognition G06T9/4633)}</i>	<administrative transfer to G06T7/168>
D	G06T7/0097	2	<i>{involving the use of two or more images}</i>	<administrative transfer to G06T7/174>
N	G06T7/10	1	Segmentation; Edge detection (motion-based segmentation G06T7/215)	
N	G06T7/11	2	Region-based segmentation	
N	G06T7/12	2	Edge-based segmentation	
N	G06T7/13	2	Edge detection	
N	G06T7/136	2	involving thresholding	
N	G06T7/143	2	involving probabilistic approaches, e.g. Markov random field [MRF] modelling	
N	G06T7/149	2	involving deformable models, e.g. active contour models	
N	G06T7/155	2	involving morphological operators	

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N	G06T7/162	2	involving graph-based methods	
N	G06T7/168	2	involving transform domain methods	
N	G06T7/174	2	involving the use of two or more images	
N	G06T7/181	2	involving edge growing; involving edge linking	
N	G06T7/187	2	involving region growing; involving region merging; involving connected component labelling	
N	G06T7/194	2	involving foreground-background segmentation	
M	G06T7/20	1	Analysis of motion (motion estimation for coding, decoding, compressing or decompressing digital video signals H04N19/43, H04N19/51)	
D	G06T7/2006	2	<i>{Motion-based segmentation}</i>	<administrative transfer to G06T7/215>
D	G06T7/2013	2	<i>{using block-matching}</i>	<administrative transfer to G06T7/223>
D	G06T7/202	3	<i>{using full search}</i>	<administrative transfer to G06T7/231>
D	G06T7/2026	3	<i>{using non-full search, e.g. three step search}</i>	<administrative transfer to G06T7/238>
D	G06T7/2033	2	<i>{using feature-based methods, e.g. corners, segments}</i>	<administrative transfer to G06T7/246>
D	G06T7/204	3	<i>{involving reference images or patches (image matching for pattern recognition or image matching in general G06K9/6203)}</i>	<administrative transfer to G06T7/248>
D	G06T7/2046	3	<i>{involving models (model matching for pattern recognition G06K9/6204, G06K9/6878)}</i>	<administrative transfer to G06T7/251>
D	G06T7/2053	2	<i>{involving subtraction of pictures}</i>	<administrative transfer to G06T7/254>
D	G06T7/206	2	<i>{using transform domain based approaches, e.g. Fourier}</i>	<administrative transfer to G06T7/262>
D	G06T7/2066	2	<i>{using gradient-based methods}</i>	<administrative transfer to G06T7/269>
N	G06T7/207	2	for motion estimation over a hierarchy of resolutions (multi-resolution motion estimation or hierarchical motion estimation for coding, decoding, compressing or decompressing digital video signals H04N 19/53)	

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D	G06T7/2073	2	<i>{Motion estimation over a hierarchy of resolutions}</i>	<administrative transfer to G06T7/207>
D	G06T7/208	2	<i>{involving a stochastic approach, e.g. Kalman filter}</i>	<administrative transfer to G06T7/277>
D	G06T7/2086	2	<i>{Computing motion from a sequence of stereo images}</i>	<administrative transfer to G06T7/285>
D	G06T7/2093	2	<i>{Multi-camera tracking}</i>	<administrative transfer to G06T7/292>
N	G06T7/215	2	Motion-based segmentation	
N	G06T7/223	2	using block-matching	
N	G06T7/231	3	using full search	
N	G06T7/238	3	using non-full search, e.g. three-step search	
N	G06T7/246	2	using feature-based methods, e.g. the tracking of corners or segments	
N	G06T7/248	3	<i>{involving reference images or patches}</i>	
N	G06T7/251	3	<i>{involving models}</i>	
N	G06T7/254	2	involving subtraction of images	
N	G06T7/262	2	using transform domain methods, e.g. Fourier domain methods	
N	G06T7/269	2	using gradient-based methods	
N	G06T7/277	2	involving stochastic approaches, e.g. using Kalman filters	
N	G06T7/285	2	using a sequence of stereo image pairs	
N	G06T7/292	2	Multi-camera tracking	
N	G06T7/30	1	Determination of transform parameters for the alignment of images, i.e. image registration	
N	G06T7/32	2	using correlation-based methods	
N	G06T7/33	2	using feature-based methods	
N	G06T7/337	3	<i>{involving reference images or patches}</i>	
N	G06T7/344	3	<i>{involving models}</i>	
N	G06T7/35	2	using statistical methods	
N	G06T7/37	2	using transform domain methods	
N	G06T7/38	2	Registration of image sequences	
M	G06T7/40	1	Analysis of texture (depth or shape recovery from texture G06T7/529)	
D	G06T7/401	2	<i>{based on statistical texture description}</i>	<administrative transfer to G06T7/41>
D	G06T7/402	3	<i>{using transform-domain based approaches}</i>	<administrative transfer to G06T7/42>
D	G06T7/403	3	<i>{using image operators, e.g. filter, edge density, local histograms}</i>	<administrative transfer to G06T7/44>

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D	G06T7/404	3	<i>{using co-occurrence matrix computation}</i>	<administrative transfer to G06T7/45>
D	G06T7/405	3	<i>{using random Fields}</i>	<administrative transfer to G06T7/46>
D	G06T7/406	3	<i>{using fractals}</i>	<administrative transfer to G06T7/48>
D	G06T7/407	2	<i>{based on structural texture description, i.e. primitives and placement rules}</i>	<administrative transfer to G06T7/49>
D	G06T7/408	2	<i>{Color analysis}</i>	<administrative transfer to G06T7/90>
N	G06T7/41	2	based on statistical description of texture	
N	G06T7/42	3	using transform domain methods	
N	G06T7/44	3	using image operators, e.g. filters, edge density metrics or local histograms	
N	G06T7/45	3	using co-occurrence matrix computation	
N	G06T7/46	3	using random fields	
N	G06T7/48	3	using fractals	
N	G06T7/49	2	based on structural texture description, e.g. using primitives or placement rules	
N	G06T7/50	1	Depth or shape recovery	
N	G06T7/507	2	from shading (G06T7/586 takes precedence)	
N	G06T7/514	2	from specularities	
N	G06T7/521	2	from laser ranging, e.g. using interferometry; from the projection of structured light	
N	G06T7/529	2	from texture	
N	G06T7/536	2	from perspective effects, e.g. by using vanishing points	
N	G06T7/543	2	from line drawings	
Q	G06T7/55	2	from multiple images	G06T7/55 G06T7/557
N	G06T7/557	3	from light fields, e.g. from plenoptic cameras	
N	G06T7/564	3	from contours	
N	G06T7/571	3	from focus	
N	G06T7/579	3	from motion	
N	G06T7/586	3	from multiple light sources, e.g. photometric stereo	
N	G06T7/593	3	from stereo images	
N	G06T7/596	4	{from three or more stereo images}	
M	G06T7/60	1	Analysis of geometric attributes	

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<b>Type*</b>	<b>Symbol</b>	<b>Indent Level Number of dots (e.g. 0, 1, 2)</b>	<b>Title (NEW or modified) "CPC only" text should normally be enclosed in {curly brackets}**</b>	<b>Transferred to#</b>
D	G06T7/602	2	{Area, perimeter, diameter or volume}	<administrative transfer to G06T7/62>
D	G06T7/604	2	{Convexity or concavity}	<administrative transfer to G06T7/64>
D	G06T7/606	2	{Center of gravity or moments (moments specific for pattern recognition, e.g. Zernike moments G06T9/525)}	<administrative transfer to G06T7/66>
D	G06T7/608	2	{Symmetry}	<administrative transfer to G06T7/68>
N	G06T7/62	2	of area, perimeter, diameter or volume	
N	G06T7/64	2	of convexity or concavity	
N	G06T7/66	2	of image moments or centre of gravity	
N	G06T7/68	2	of symmetry	
N	G06T7/70	1	Determining position or orientation of objects or cameras (camera calibration G06T7/80)	
N	G06T7/73	2	using feature-based methods	
N	G06T7/74	3	{involving reference images or patches}	
N	G06T7/75	3	{involving models}	
N	G06T7/77	2	using statistical methods	
N	G06T7/80	1	Analysis of captured images to determine intrinsic or extrinsic camera parameters, i.e. camera calibration	
N	G06T7/85	2	{Stereo camera calibration}	
N	G06T7/90	1	Determination of colour characteristics	
N	G06T7/97	1	{Determining parameters from multiple pictures (depth or shape recovery from multiple images G06T7/55; stereo camera calibration G06T7/85)}	
D	G06T2207/20136	3	Edge growing; Edge linking	<administrative transfer to G06T7/181>
D	G06T2207/20141	3	Region-growing; Region merging; Connected component labeling	<administrative transfer to G06T7/187>
D	G06T2207/20144	3	Foreground-background segmentation	<administrative transfer to G06T7/194>
D	G06T2207/20148	3	Thresholding	<administrative transfer to G06T7/136>

\*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

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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 G06T- IMAGE DATA PROCESSING OR GENERATION, IN GENERAL**

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>NEW/Modified Note</u>
D	G06T	<p>1. This subclass covers:</p> <ul style="list-style-type: none"> <li>– arrangements for geometrically modelling objects, whether the final model is used for display of an image of the object or for some other purpose, such as manufacture of a corresponding object;</li> <li>– arrangements for analysing the geometric attributes of an image of an object.</li> </ul> <p>2. This subclass does not cover:</p> <ul style="list-style-type: none"> <li>– reading or recognising printed or written characters or recognizing patterns, e.g. fingerprints, which is covered by subclass G06K;</li> <li>– modification of image data to allow display using multiple viewports, which is covered by subclass G09G;</li> <li>– circuits for generating functions for visual indicators, which are covered by subclass G09G;</li> <li>– scanning of documents or the like in pictorial communication, which is covered by subclass H04N.</li> </ul>	-
N	G06T7/10		In this group, multi-aspect classification is applied, so that subject matter characterised by aspects covered by groups G06T7/11, G06T7/12 or G06T7/13 should also be classified in any of the relevant groups G06T7/136 - G06T7/194.

\*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. B. DEFINITIONS QUICK FIXES

<u>Symbol</u>	<u>Location of change</u> (e.g., section title)	<u>Existing reference symbol or text</u>	<u>Action; New symbol; New text</u>
G06T3/0068	Limiting references	Determining the parameters for the image registration G06T7/0024	<b>Replace</b> reference with:  Determination of transform parameters for the alignment of images, i.e. image registration G06T7/30
G06T5/005	Informative references	Finding redeye defects G06T7/004, G06T7/0079, G06T7/408, G06T7/60	<b>Replace</b> references with:  Segmentation; Edge detection G06T7/10 Analysis of geometric attributes G06T7/60 Determining position or orientation of objects or cameras G06T7/70 Determination of colour characteristics G06T7/90
G06T5/006	Informative references	Camera calibration (intrinsic and extrinsic parameters) G06T7/0018	<b>Replace</b> references with:  Analysis of captured images to determine intrinsic or extrinsic camera parameters, i.e. camera calibration G06T7/80
G06T5/30	Informative references	Morphological operations for segmentation G06T7/0091	<b>Replace</b> references with:  involving morphological operators G06T7/155
G06T7/0002	Limiting references	G06T7/004	<b>Delete</b> section:
G06T7/0002	Informative References		<b>Insert</b> informative references section with following reference:  Determining position or orientation of objects G06T7/70
G06T7/0004	Informative references	Monitoring wafer production H01L21/66	<b>Delete</b> reference from section:
G06T7/0018			<b>Delete</b> entire definition
G06T7/002			<b>Delete</b> entire definition
G06T7/0022			<b>Delete</b> entire definition
G06T7/0024			<b>Delete</b> entire definition
G06T7/0026			<b>Delete</b> entire definition
G06T7/0028			<b>Delete</b> entire definition
G06T7/003			<b>Delete</b> entire definition
G06T7/0032			<b>Delete</b> entire definition
G06T7/0034			<b>Delete</b> entire definition
G06T7/0036			<b>Delete</b> entire definition
G06T7/0038			<b>Delete</b> entire definition
G06T7/004			<b>Delete</b> entire definition
G06T7/0042			<b>Delete</b> entire definition
G06T7/0044			<b>Delete</b> entire definition
G06T7/0046			<b>Delete</b> entire definition

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G06T7/0048			<b>Delete</b> entire definition
G06T7/0051			<b>Delete</b> entire definition
G06T7/0053			<b>Delete</b> entire definition
G06T7/0055			<b>Delete</b> entire definition
G06T7/0057			<b>Delete</b> entire definition
G06T7/0059			<b>Delete</b> entire definition
G06T7/0061			<b>Delete</b> entire definition
G06T7/0063			<b>Delete</b> entire definition
G06T7/0065			<b>Delete</b> entire definition
G06T7/0067			<b>Delete</b> entire definition
G06T7/0069			<b>Delete</b> entire definition
G06T7/0071			<b>Delete</b> entire definition
G06T7/0073			<b>Delete</b> entire definition
G06T7/0075			<b>Delete</b> entire definition
G06T7/0077			<b>Delete</b> entire definition
G06T7/0079			<b>Delete</b> entire definition
G06T7/0081			<b>Delete</b> entire definition
G06T7/0083			<b>Delete</b> entire definition
G06T7/0085			<b>Delete</b> entire definition
G06T7/0087			<b>Delete</b> entire definition
G06T7/0089			<b>Delete</b> entire definition
G06T7/0091			<b>Delete</b> entire definition
G06T7/0093			<b>Delete</b> entire definition
G06T7/0095			<b>Delete</b> entire definition
G06T7/0097			<b>Delete</b> entire definition
G06T7/20	Definition Statement	• Stabilisation of video sequences (see also G06T7/0024)	<b>Replace with:</b>  • Stabilisation of video sequences (see also G06T7/30)
G06T7/20	Limiting references	Shape with motion G06T7/0071	<b>Delete reference from section.</b>
G06T7/20	Limiting references		<b>Add references to section:</b>  Motion estimation for coding, decoding, compressing or decompressing digital video signals  H04N19/43 H04N19/51
G06T7/20	Informative references	Image registration G06T7/0024	<b>Replace with:</b>  Image registration G06T7/30
G06T7/2006			<b>Delete</b> entire definition
G06T7/2013			<b>Delete</b> entire definition
G06T7/202			<b>Delete</b> entire definition
G06T7/2026			<b>Delete</b> entire definition
G06T7/2033			<b>Delete</b> entire definition
G06T7/204			<b>Delete</b> entire definition
G06T7/2046			<b>Delete</b> entire definition
G06T7/2053			<b>Delete</b> entire definition
G06T7/206			<b>Delete</b> entire definition
G06T7/2066			<b>Delete</b> entire definition
G06T7/2073			<b>Delete</b> entire definition
G06T7/208			<b>Delete</b> entire definition

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G06T7/2086			<b>Delete</b> entire definition
G06T7/2093			<b>Delete</b> entire definition
G06T7/40	Limiting references	Shape from texture G06T7/0059	<b>Replace with:</b> Depth or shape recovery from texture G06T7/529
G06T7/40	Limiting references	Shape from shading G06T7/0053	<b>Delete reference from section.</b>
G06T7/40	Informative references	Colour / texture segmentation G06T7/0079	<b>Replace with:</b> Segmentation; Edge detection G06T7/10
G06T7/401			<b>Delete</b> entire definition
G06T7/402			<b>Delete</b> entire definition
G06T7/403			<b>Delete</b> entire definition
G06T7/404			<b>Delete</b> entire definition
G06T7/405			<b>Delete</b> entire definition
G06T7/407			<b>Delete</b> entire definition
G06T7/408			<b>Delete</b> entire definition
G06T7/602			<b>Delete</b> entire definition
G06T7/604			<b>Delete</b> entire definition
G06T7/606			<b>Delete</b> entire definition
G06T7/608			<b>Delete</b> entire definition
G06T11/003	Limiting references	Depth or shape recovery from multiple images G06T7/0065	<b>Replace</b> references with:  from multiple images G06T7/55
G06T11/60	Limiting references	Image registration G06T7/0024	<b>Replace</b> references with:  Determination of transform parameters for the alignment of images, i.e. image registration G06T7/30
G06T15/205	Limiting references	Analysis of image-based rendering pictures or calculation of disparity values from multiple images for IBR G06T7/0022	<b>Replace</b> references with:  Determining parameters from multiple pictures G06T7/97
G06T15/205	Limiting references	Calculation of depth values from multiple images G06T7/0065	<b>Replace</b> references with:  from multiple images G06T7/55
G06T17/00	Limiting references	Depth or shape recovery from the analysis of 2D Images G06T7/0051	<b>Replace</b> references with:  Depth or shape recovery G06T7/50
G06T17/05	Limiting references	Registration of 2D images from different sensors G06T7/0024	<b>Replace</b> references with:  Determination of transform parameters for the alignment of images, i.e. image registration G06T7/30
G06T19/003	Informative references	Centreline determination  G06T7/0079, G06T7/60, G06T2207/30172	<b>Replace</b> reference with:  Segmentation; Edge detection G06T7/10 Analysis of geometric attributes G06T7/60 Centreline of tubular or elongated structure G06T2207/30172

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NOTES:

- The table above is used for corrections or modifications to existing definitions, e.g. delete an entire definition or part thereof; propose NEW wording or modify wording of a section, change the symbol the definition is associated with, change or delete a reference symbol, etc.
- Do not delete (F) symbol definitions.

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3. REVISION CONCORDANCE LIST (RCL)

<b>Type*</b>	<b>From CPC Symbol (existing)</b>	<b>To CPC Symbol(s)</b>
D	G06T7/0018	<administrative transfer to G06T7/80>
D	G06T7/002	<administrative transfer to G06T7/85>
D	G06T7/0022	<administrative transfer to G06T7/97>
D	G06T7/0024	<administrative transfer to G06T7/30>
D	G06T7/0026	<administrative transfer to G06T7/32>
D	G06T7/0028	<administrative transfer to G06T7/33>
D	G06T7/003	<administrative transfer to G06T7/337>
D	G06T7/0032	<administrative transfer to G06T7/344>
D	G06T7/0034	<administrative transfer to G06T7/35>
D	G06T7/0036	<administrative transfer to G06T7/37>
D	G06T7/0038	<administrative transfer to G06T7/38>
D	G06T7/004	<administrative transfer to G06T7/70>
D	G06T7/0042	<administrative transfer to G06T7/73>
D	G06T7/0044	<administrative transfer to G06T7/74>
D	G06T7/0046	<administrative transfer to G06T7/75>
D	G06T7/0048	<administrative transfer to G06T7/77>
D	G06T7/0051	<administrative transfer to G06T7/50>
D	G06T7/0053	<administrative transfer to G06T7/507>
D	G06T7/0055	<administrative transfer to G06T7/514>
D	G06T7/0057	<administrative transfer to G06T7/521>
D	G06T7/0059	<administrative transfer to G06T7/529>
D	G06T7/0061	<administrative transfer to G06T7/536>
D	G06T7/0063	<administrative transfer to G06T7/543>
D	G06T7/0065	<administrative transfer to G06T7/55>
D	G06T7/0067	<administrative transfer to G06T7/564>
D	G06T7/0069	<administrative transfer to G06T7/571>
D	G06T7/0071	<administrative transfer to G06T7/579>
D	G06T7/0073	<administrative transfer to G06T7/586>
D	G06T7/0075	<administrative transfer to G06T7/593>
D	G06T7/0077	<administrative transfer to G06T7/596>
D	G06T7/0079	<administrative transfer to G06T7/10>
D	G06T7/0081	<administrative transfer to G06T7/11>
D	G06T7/0083	<administrative transfer to G06T7/12>
D	G06T7/0085	<administrative transfer to G06T7/13>
D	G06T7/0087	<administrative transfer to G06T7/143>
D	G06T7/0089	<administrative transfer to G06T7/149>
D	G06T7/0091	<administrative transfer to G06T7/155>
D	G06T7/0093	<administrative transfer to G06T7/162>
D	G06T7/0095	<administrative transfer to G06T7/168>
D	G06T7/0097	<administrative transfer to G06T7/174>
D	G06T7/2006	<administrative transfer to G06T7/215>
D	G06T7/2013	<administrative transfer to G06T7/223>
D	G06T7/202	<administrative transfer to G06T7/231>
D	G06T7/2026	<administrative transfer to G06T7/238>
D	G06T7/2033	<administrative transfer to G06T7/246>
D	G06T7/204	<administrative transfer to G06T7/248>
D	G06T7/2046	<administrative transfer to G06T7/251>

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<b>Type*</b>	<b>From CPC Symbol (existing)</b>	<b>To CPC Symbol(s)</b>
D	G06T7/2053	<administrative transfer to G06T7/254>
D	G06T7/206	<administrative transfer to G06T7/262>
D	G06T7/2066	<administrative transfer to G06T7/269>
D	G06T7/2073	<administrative transfer to G06T7/207>
D	G06T7/208	<administrative transfer to G06T7/277>
D	G06T7/2086	<administrative transfer to G06T7/285>
D	G06T7/2093	<administrative transfer to G06T7/292>
D	G06T7/401	<administrative transfer to G06T7/41>
D	G06T7/402	<administrative transfer to G06T7/42>
D	G06T7/403	<administrative transfer to G06T7/44>
D	G06T7/404	<administrative transfer to G06T7/45>
D	G06T7/405	<administrative transfer to G06T7/46>
D	G06T7/406	<administrative transfer to G06T7/48>
D	G06T7/407	<administrative transfer to G06T7/49>
D	G06T7/408	<administrative transfer to G06T7/90>
Q	G06T7/55	G06T7/55, G06T7/557
D	G06T7/602	<administrative transfer to G06T7/62>
D	G06T7/604	<administrative transfer to G06T7/64>
D	G06T7/606	<administrative transfer to G06T7/66>
D	G06T7/608	<administrative transfer to G06T7/68>
D	G06T2207/20136	<administrative transfer to G06T7/181>
D	G06T2207/20141	<administrative transfer to G06T7/187>
D	G06T2207/20144	<administrative transfer to G06T7/194>
D	G06T2207/20148	<administrative transfer to G06T7/136>

\* 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; D = deleted entries.

## NOTES:

- Only C, D, F and Q type entries are included in the table above.
- When multiple symbols are included in the “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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4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
G06T7/0018		DELETE
G06T7/002		DELETE
G06T7/0022		DELETE
G06T7/0024		DELETE
G06T7/0026		DELETE
G06T7/0028		DELETE
G06T7/003		DELETE
G06T7/0032		DELETE
G06T7/0034		DELETE
G06T7/0036		DELETE
G06T7/0038		DELETE
G06T7/004		DELETE
G06T7/0042		DELETE
G06T7/0044		DELETE
G06T7/0046		DELETE
G06T7/0048		DELETE
G06T7/0051		DELETE
G06T7/0053		DELETE
G06T7/0055		DELETE
G06T7/0057		DELETE
G06T7/0059		DELETE
G06T7/0061		DELETE
G06T7/0063		DELETE
G06T7/0065		DELETE
G06T7/0067		DELETE
G06T7/0069		DELETE
G06T7/0071		DELETE
G06T7/0073		DELETE
G06T7/0075		DELETE
G06T7/0077		DELETE
G06T7/0079		DELETE
G06T7/0081		DELETE
G06T7/0083		DELETE
G06T7/0085		DELETE
G06T7/0087		DELETE
G06T7/0089		DELETE
G06T7/0091		DELETE
G06T7/0093		DELETE
G06T7/0095		DELETE
G06T7/0097		DELETE
G06T7/10	G06T7/10	NEW
G06T7/11	G06T7/11	NEW
G06T7/12	G06T7/12	NEW

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<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
G06T7/13	G06T7/13	NEW
G06T7/136	G06T7/136	NEW
G06T7/143	G06T7/143	NEW
G06T7/149	G06T7/149	NEW
G06T7/155	G06T7/155	NEW
G06T7/162	G06T7/162	NEW
G06T7/168	G06T7/168	NEW
G06T7/174	G06T7/174	NEW
G06T7/181	G06T7/181	NEW
G06T7/187	G06T7/187	NEW
G06T7/194	G06T7/194	NEW
G06T7/2006		DELETE
G06T7/2013		DELETE
G06T7/202		DELETE
G06T7/2026		DELETE
G06T7/2033		DELETE
G06T7/204		DELETE
G06T7/2046		DELETE
G06T7/2053		DELETE
G06T7/206		DELETE
G06T7/2066		DELETE
G06T7/207	G06T7/207	NEW
G06T7/2073		DELETE
G06T7/208		DELETE
G06T7/2086		DELETE
G06T7/2093		DELETE
G06T7/215	G06T7/215	NEW
G06T7/223	G06T7/223	NEW
G06T7/231	G06T7/231	NEW
G06T7/238	G06T7/238	NEW
G06T7/246	G06T7/246	NEW
G06T7/248	G06T7/246	NEW
G06T7/251	G06T7/246	NEW
G06T7/254	G06T7/254	NEW
G06T7/262	G06T7/262	NEW
G06T7/269	G06T7/269	NEW
G06T7/277	G06T7/277	NEW
G06T7/285	G06T7/285	NEW
G06T7/292	G06T7/292	NEW
G06T7/30	G06T7/30	NEW
G06T7/32	G06T7/32	NEW
G06T7/33	G06T7/33	NEW
G06T7/337	G06T7/33	NEW
G06T7/344	G06T7/33	NEW
G06T7/35	G06T7/35	NEW

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G06T7/37	G06T7/37	NEW
G06T7/38	G06T7/38	NEW
G06T7/401		DELETE
G06T7/402		DELETE
G06T7/403		DELETE
G06T7/404		DELETE
G06T7/405		DELETE
G06T7/406		DELETE
G06T7/407		DELETE
G06T7/408		DELETE
G06T7/41	G06T7/41	NEW
G06T7/42	G06T7/42	NEW
G06T7/44	G06T7/44	NEW
G06T7/45	G06T7/45	NEW
G06T7/46	G06T7/46	NEW
G06T7/48	G06T7/48	NEW
G06T7/49	G06T7/49	NEW
G06T7/50	G06T7/50	NEW
G06T7/507	G06T7/507	NEW
G06T7/514	G06T7/514	NEW
G06T7/521	G06T7/521	NEW
G06T7/529	G06T7/529	NEW
G06T7/536	G06T7/536	NEW
G06T7/543	G06T7/543	NEW
G06T7/55	G06T7/55	NEW
G06T7/557	G06T7/557	NEW
G06T7/564	G06T7/564	NEW
G06T7/571	G06T7/571	NEW
G06T7/579	G06T7/579	NEW
G06T7/586	G06T7/586	NEW
G06T7/593	G06T7/593	NEW
G06T7/596	G06T7/593	NEW
G06T7/602		DELETE
G06T7/604		DELETE
G06T7/606		DELETE
G06T7/608		DELETE
G06T7/62	G06T7/62	NEW
G06T7/64	G06T7/64	NEW
G06T7/66	G06T7/66	NEW
G06T7/68	G06T7/68	NEW
G06T7/70	G06T7/70	NEW
G06T7/73	G06T7/73	NEW
G06T7/74	G06T7/73	NEW
G06T7/75	G06T7/73	NEW
G06T7/77	G06T7/77	NEW

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<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
G06T7/80	G06T7/80	NEW
G06T7/85	G06T7/80	NEW
G06T7/90	G06T7/90	NEW
G06T7/97	G06T7/00	NEW
G06T2207/20136		DELETE
G06T2207/20141		DELETE
G06T2207/20144		DELETE
G06T2207/20148		DELETE

\*Action column:

- For an (N) or (Q) entry, provide an IPC symbol and complete the Action column with "NEW."
- For an existing CPC main trunk entry or indexing entry where the existing IPC symbol needs to be changed, provide an updated IPC symbol and complete the Action column with "UPDATED."
- For a (D) CPC entry or indexing entry complete the Action column with "DELETE." IPC symbol does not need to be included in the IPC column.
- For an (N) 2000 series CPC entry which is positioned within the main trunk scheme (breakdown code) provide an IPC symbol and complete the action column with "NEW".
- For an (N) 2000 series CPC entry positioned at the end of the CPC scheme (orthogonal code), with no IPC equivalent, complete the IPC column with "CPCONLY" and complete the action column with "NEW".

NOTES:

- F symbols are not included in the CICL table above.
- E and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.

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## 5. CROSS-REFERENCE LIST (CRL)

Scheme references impacted by this revision project

<b><u>Location of reference to be changed</u></b>	<b><u>Referenced subclass or group to be changed</u></b>	<b><u>Action; New reference symbol; New text</u></b>
A61B5/7425	G06T7/0024	G06T7/30
A61B6/5229	G06T7/0024	G06T7/30
A61B6/5258	G06T7/0022	G06T7/97
A61B8/5238	G06T7/0024	G06T7/30
G01B11/25	G06T7/0051	G06T7/50
G05D1/0251	G06T7/0075	G06T7/593
G05D1/0253	G06T7/004	G06T7/70
G06F17/30802	G06T7/408	G06T7/90
G06F17/30805	G06T7/0079	G06T7/10
G06F17/30808	G06T7/401	G06T7/41
G06F17/30808	G06T7/407	G06T7/49
G06K9/0014	G06T7/0079	G06T7/10
G06K9/00201	G06T7/0024	G06T7/30
G06K9/00201	G06T7/0051	G06T7/50
G06K9/00234	G06T7/0079	G06T7/10
G06K9/00234	G06T7/408	G06T7/90
G06K9/00362	G06T7/004	G06T7/70
G06K9/0063	G06T7/0079	G06T7/10
G06K9/00744	G06T7/0079	G06T7/10
G06K9/00758	G06T7/0038	G06T7/38
G06K9/00765	G06T7/0079	G06T7/10
G06K9/00765	G06T7/2006	G06T7/215
G06K9/3233	G06T7/0079	G06T7/10
G06K9/3275	G06T7/004	G06T7/70
G06K9/34	G06T7/0079	G06T7/10
G06K9/342	G06T7/0081	G06T7/11
G06K9/38	G06T7/0081	G06T7/11
G06K9/46	G06T7/0079	G06T7/10
G06K9/4604	G06T7/0083	G06T7/12
G06K9/4604	G06T7/0085	G06T7/13
G06K9/4638	G06T7/0087	G06T7/143
G06K9/4652	G06T7/0081	G06T7/11
G06K9/4652	G06T7/408	G06T7/90
G06K9/4661	G06T7/0053	G06T7/507
G06K9/525	G06T7/606	G06T7/66
G06K9/6202	G06T7/0024	G06T7/30
G06K9/6202	G06T7/004	G06T7/70
G06K9/6202	G06T7/0051	G06T7/50
G06K9/6202	G06T7/0079	G06T7/10
G06K9/6206	G06T7/0089	G06T7/149
G06K9/6224	G06T7/0093	G06T7/162
G06K9/6277	G06T7/0087	G06T7/143

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<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Action; New reference symbol; New text</u>
G06K9/6297	G06T7/0087	G06T7/143
H04N5/2226	G06T7/0051	G06T7/50
H04N5/2226	G06T7/0079	G06T7/10
H04N13/0246	G06T7/002	G06T7/85
H04N13/0271	G06T7/0075	G06T7/593

Definitions references impacted by this revision project

<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Section of definition</u>	<u>Action; New reference symbol; New text</u>
A61B5/204	G06T7/602	Limiting references	G06T7/62
A61B6/5217	G06T7/0079	Limiting references	G06T7/10
A61B6/582	G06T7/0018	Informative references	G06T7/80
A61B8/5238	G06T7/0024	Informative references	Determination of transform parameters for the alignment of images, i.e. image registration G06T7/30
A61B8/5269	G06T7/0022	Informative references	Determining parameters from multiple pictures G06T7/97
B60R11/04	G06T7/0018	Informative references	Analysis of captured images to determine intrinsic or extrinsic camera parameters, i.e. camera calibration G06T7/80
G01B11/00	G06T7/0051	Informative references	G06T7/50
G01C11/00	G06T7/0051	Informative references	G06T7/50
G01C11/06	G06T7/0022	Informative references	G06T7/97
G01J3/46	G06T7/0079	Informative references	G06T7/10
G01S15/8995	G06T7/0024	Limiting references	Determination of transform parameters for the alignment of images, i.e. image registration G06T7/30
G05B23/00	G06T7/004	Limiting references	G06T7/70

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<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Section of definition</u>	<u>Action; New reference symbol; New text</u>
G06F17/30802	G06T7/408	Limiting references	Colour analysis on image data G06T7/90
G06F17/30805	G06T7/0079	Limiting references	Segmentation or edge detection on image data G06T7/10
G06F17/30808	G06T7/401	Limiting references	Texture analysis on image data G06T7/41
G06F17/30808	G06T7/407	Limiting references	G06T7/49
G06K9/32	G06T7/0018	Limiting references	G06T7/80
G06K9/32	G06T7/004	Limiting references	G06T7/70
G06K9/3275	G06T7/004	Limiting references	G06T7/70
G06K9/34	G06T7/0079	Limiting references	G06T7/10
G06K9/38	G06T7/0079	Limiting references	G06T7/10
G06K9/46	G06T7/0079	Limiting references	G06T7/10
G06T3/0068	G06T7/0024	Limiting references	G06T7/30
G06T5/006	G06T7/0018	Informative references	G06T7/80
G06T5/30	G06T7/0091	Informative references	G06T7/155
G06T11/003	G06T7/0065	Limiting references	G06T7/55
G06T11/60	G06T7/0024	Limiting references	G06T7/30
G06T15/205	G06T7/0022	Limiting references	G06T7/97
G06T15/205	G06T7/0065	Limiting references	G06T7/55
G06T17/00	G06T7/0051	Limiting references	G06T7/50
G06T17/05	G06T7/0024	Limiting references	G06T7/30
G06T19/003	G06T7/0079	Limiting references	G06T7/10
G08B13/00	G06T7/0018	Informative references	G06T7/80
G08B13/196	G06T7/0018	Informative references	G06T7/80
H04N1/3876	G06T7/0024	Informative references	Determination of transform parameters for the alignment of images, i.e. image registration G06T7/30

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<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Section of definition</u>	<u>Action; New reference symbol; New text</u>
H04N1/40062	G06T7/0079	Informative references	<b>Delete row:</b> For image processing per se  <b>Insert row:</b> Segmentation; Edge detection in general G06T7/10
H04N13/02	G06T7/0051	Informative references	G06T7/50
H04N13/02	G06T7/0075	Informative references	G06T7/593
H04N13/02	G06T7/002	Special rules of classification	G06T7/85

NOTES:

- The CRL tables above are used for changes to locations **outside** of the project scope. Changes to references in scheme titles or definitions **inside** the project scope will be reflected in the “scheme change” template or one of the “definition” templates.
- In addition to other changes proposed in the tables above, in the column titled “Referenced subclass or group to be changed,” **referenced** D symbols should indicate an action of “delete” or should indicate a replacement symbol and **referenced** F symbols should indicate a replacement symbol.
- When a reference is deleted, text related to that reference will also be deleted unless other references or a range of references associated with the same text remain.