CPC COOPERATIVE PATENT CLASSIFICATION

G PHYSICS

(NOTES omitted)

INSTRUMENTS

3/073

• Transforming surfaces of revolution to planar images, e.g. cylindrical surfaces to planar images

G06 COMPUTING; CALCULATING OR COUNTING

(NOTES omitted)

G06T IMAGE DATA PROCESSING OR GENERATION, IN GENERAL

WARNINGS

The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:
 G06T 1/40 covered by G06T 1/20

2. In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme

1/00	General purpose image data processing	3/08	Projecting images onto non-planar surfaces, e.g.
1/0007	• {Image acquisition}		geodetic screens
1/0014	• {Image feed-back for automatic industrial control, e.g. robot with camera (robots <u>B25J 19/023</u>)}	3/10	 Selection of transformation methods according to the characteristics of the input images
1/0021	• {Image watermarking}	3/12	Panospheric to cylindrical image transformations
1/0028	• • {Adaptive watermarking, e.g. Human Visual System [HVS]-based watermarking}	3/14	 Transformations for image registration, e.g. adjusting or mapping for alignment of images
1/0035	• • • {Output size adaptive watermarking}	3/147	• using affine transformations
1/0042	• • {Fragile watermarking, e.g. so as to detect	3/153	using elastic snapping
	tampering}	3/16	Spatio-temporal transformations, e.g. video cubism
1/005	• • {Robust watermarking, e.g. average attack or	3/18	• Image warping, e.g. rearranging pixels individually
	collusion attack resistant}	3/20	. Linear translation of whole images or parts thereof,
1/0057	{Compression invariant watermarking}		e.g. panning
1/0064	• • • {Geometric transfor invariant watermarking, e.g. affine transform invariant}	3/40	 Scaling of whole images or parts thereof, e.g. expanding or contracting
1/0071	• • • {using multiple or alternating watermarks}	3/4007	• based on interpolation, e.g. bilinear interpolation
1/0078	• • • {using multiple thresholds}		(image demosaicing G06T 3/4015; edge-driven or
1/0085	• • {Time domain based watermarking, e.g.		edge-based scaling G06T 3/403)
	watermarks spread over several images}	3/4015	 Image demosaicing, e.g. colour filter arrays
1/0092	{Payload characteristic determination in a		[CFA] or Bayer patterns
	watermarking scheme, e.g. number of bits to be embedded}	3/4023	 based on decimating pixels or lines of pixels; based on inserting pixels or lines of pixels
1/20	 Processor architectures; Processor configuration, 	3/403	 Edge-driven scaling; Edge-based scaling
	e.g. pipelining	3/4038	Image mosaicing, e.g. composing plane images
1/60	Memory management		from plane sub-images
2/00	Commented to the second forms of the selection of	3/4046	using neural networks
3/00	Geometric image transformations in the plane of	3/4053	based on super-resolution, i.e. the output image
2/02	the image		resolution being higher than the sensor resolution
3/02	• Affine transformations (for image registration G06T 3/147; for image mosaicing G06T 3/4038)	3/4061	• • • by injecting details from different spectral ranges
3/04	• Context-preserving transformations, e.g. by using an	3/4069	by subpixel displacements
	importance map (panospheric to cylindrical image transformations <u>G06T 3/12</u>)	3/4076	using the original low-resolution images to iteratively correct the high-resolution images
3/047	 Fisheye or wide-angle transformations 	3/4084	in the transform domain, e.g. fast Fourier
3/053	 Detail-in-context presentations (fisheye or wide- angle transformations <u>G06T 3/047</u>) 		transform [FFT] domain scaling
3/06	Topological mapping of higher dimensional	3/4092	. Image resolution transcoding, e.g. by using client-
	structures onto lower dimensional surfaces	2/60	server architectures
3/067	Reshaping or unfolding 3D tree structures onto	3/60	• Rotation of whole images or parts thereof
	2D planes	3/602	• by block rotation, e.g. by recursive reversal or
3/073	Transforming surfaces of revolution to planar		rotation

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3/604	using coordinate rotation digital computer [CORDICI devices]	7/149	• involving deformable models, e.g. active contour
2/606	[CORDIC] devices	7/155	models
3/606	• by memory addressing or mapping	7/155	• involving morphological operators
3/608	by skew deformation, e.g. two-pass or three-pass rotation	7/162 7/168	involving graph-based methods
	Totation		involving transform domain methods
5/00	Image enhancement or restoration	7/174	• involving the use of two or more images
	WARNING	7/181	involving edge growing; involving edge linking
		7/187	 involving region growing; involving region merging; involving connected component
	Group G06T 5/00 is impacted by reclassification into group G06T 5/60.		labelling
	Groups <u>G06T 5/00</u> and <u>G06T 5/60</u> should be	7/194	involving foreground-background segmentation
	considered in order to perform a complete search.	7/20	 Analysis of motion (motion estimation for coding, decoding, compressing or decompressing digital
5/10	 using non-spatial domain filtering 		video signals <u>H04N 19/43</u> , <u>H04N 19/51</u>)
5/20	 using local operators 	7/207	for motion estimation over a hierarchy of
5/30	Erosion or dilatation, e.g. thinning		resolutions (multi-resolution motion estimation
5/40	 using histogram techniques 		or hierarchical motion estimation for coding,
5/50	 using two or more images, e.g. averaging or 		decoding, compressing or decompressing digital
	subtraction	7/015	video signals <u>H04N 19/53</u>)
5/60	 using machine learning, e.g. neural networks 	7/215	Motion-based segmentation
	WARNING	7/223	using block-matching
		7/231	using full search
	Group G06T 5/60 is incomplete pending	7/238	• • using non-full search, e.g. three-step search
	reclassification of documents from group	7/246	• using feature-based methods, e.g. the tracking of
	<u>G06T 5/00</u> .		corners or segments
	Groups $\underline{G06T5/00}$ and $\underline{G06T5/60}$ should be	7/248	• • • {involving reference images or patches}
	considered in order to perform a complete	7/251	• • • {involving models}
	search.	7/254	involving subtraction of images
5/70	• Denoising; Smoothing	7/262	• using transform domain methods, e.g. Fourier
5/73	Deblurring; Sharpening		domain methods
5/75	. Unsharp masking	7/269	using gradient-based methods
5/77	Retouching; Inpainting; Scratch removal	7/277	• involving stochastic approaches, e.g. using
5/80	Geometric correction		Kalman filters
5/90	Dynamic range modification of images or parts	7/285	using a sequence of stereo image pairs
3/70	thereof	7/292	Multi-camera tracking
5/92	based on global image properties	7/30	• Determination of transform parameters for the
5/94	based on local image properties, e.g. for local	5 (22	alignment of images, i.e. image registration
	contrast enhancement	7/32	using correlation-based methods
		7/33	• using feature-based methods
7/00	Image analysis	7/337	• • • {involving reference images or patches}
7/0002	• {Inspection of images, e.g. flaw detection}	7/344	• • • {involving models}
7/0004	• • {Industrial image inspection}	7/35	• using statistical methods
7/0006	• • • {using a design-rule based approach}	7/37	• using transform domain methods
7/0008	• • • {checking presence/absence}	7/38	• Registration of image sequences
7/001	• • • {using an image reference approach}	7/40	• Analysis of texture (depth or shape recovery from
7/0012	• • {Biomedical image inspection}		texture <u>G06T 7/529</u>)
7/0014	• • { using an image reference approach }	7/41	based on statistical description of texture
7/0016	• • • {involving temporal comparison}	7/42	using transform domain methods
7/10	 Segmentation; Edge detection (motion-based segmentation <u>G06T 7/215</u>) 	7/44	• • using image operators, e.g. filters, edge density metrics or local histograms
	NOTE	7/45	• • • using co-occurrence matrix computation
		7/46	using random fields
	When classifying in groups	7/48	using fractals
	<u>G06T 7/11</u> - <u>G06T 7/13</u> , classification	7/49	based on structural texture description, e.g. using
	is also made in relevant groups of		primitives or placement rules
	<u>G06T 7/136</u> - <u>G06T 7/194</u> .	7/50	Depth or shape recovery
7/11	Region-based segmentation	7/507	• • from shading (G06T 7/586 takes precedence)
7/12	Edge-based segmentation	7/514	from specularities
7/13	Edge detection	7/521	• • from laser ranging, e.g. using interferometry;
7/136	involving thresholding		from the projection of structured light
7/143	• involving probabilistic approaches, e.g. Markov	7/529	• • from texture
-	random field [MRF] modelling	7/536	• • from perspective effects, e.g. by using vanishing
			points

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7/543	• • from line drawings	11/60	• Editing figures and text; Combining figures or text
7/55	from multiple images	11/80	Creating or modifying a manually drawn or painted
7/557	• • • from light fields, e.g. from plenoptic cameras		image using a manual input device, e.g. mouse, light
7/564	from contours		pen, direction keys on keyboard
7/571	from focus	13/00	Animation
7/579 7/586	from multiple light sources a g photometric	13/20	• 3D [Three Dimensional] animation
1/360	from multiple light sources, e.g. photometric stereo	13/205	• • {driven by audio data}
7/593	from stereo images	13/40	of characters, e.g. humans, animals or virtual
7/596	• • • • • • • • • • • • • • • • • • •	10/50	beings
7/60	Analysis of geometric attributes	13/60	 of natural phenomena, e.g. rain, snow, water or plants
7/62	• • of area, perimeter, diameter or volume	13/80	• 2D [Two Dimensional] animation, e.g. using sprites
7/64	of convexity or concavity	13/80	• 2D [1 wo Dimensional] animation, e.g. using spines
7/66	of image moments or centre of gravity	15/00	3D [Three Dimensional] image rendering
7/68	• of symmetry	15/005	• {General purpose rendering architectures}
7/70	 Determining position or orientation of objects or 	15/02	Non-photorealistic rendering
	cameras (camera calibration G06T 7/80)	15/04	. Texture mapping
7/73	 using feature-based methods 	15/06	• Ray-tracing
7/74	• • • {involving reference images or patches}	15/08	• Volume rendering
7/75	• • • {involving models}	15/10	. Geometric effects
7/77	• using statistical methods	15/20	Perspective computation
7/80	 Analysis of captured images to determine intrinsic 	15/205	• • • {Image-based rendering}
	or extrinsic camera parameters, i.e. camera	15/30	Clipping
= 10 =	calibration	15/40	Hidden part removal
7/85	• • {Stereo camera calibration}	15/405	• • {using Z-buffer}
7/90	Determination of colour characteristics	15/50	• Lighting effects
7/97	• {Determining parameters from multiple pictures	15/503	• {Blending, e.g. for anti-aliasing}
	(depth or shape recovery from multiple images <u>G06T 7/55</u> ; stereo camera calibration <u>G06T 7/85</u>)}	15/506	• • {Illumination models}
	door 7/33, stereo camera canoration door 7/83)	15/55	. Radiosity
9/00	Image coding (bandwidth or redundancy reduction	15/60	Shadow generation
	for static pictures <u>H04N 1/41</u> ; coding or decoding of	15/80	Shading
	static colour picture signals <u>H04N 1/64</u> ; methods or	15/83	Phong shading
	arrangements for coding, decoding, compressing or	15/87	Gouraud shading
0/001	decompressing digital video signals <u>H04N 19/00</u>)	17/00	Three dimensional [3D] modelling, e.g. data
9/001	{Model-based coding, e.g. wire frame}{using neural networks}		description of 3D objects
9/002 9/004	{using neural networks}{Predictors, e.g. intraframe, interframe coding}	17/005	• {Tree description, e.g. octree, quadtree}
9/004	• {Statistical coding, e.g. Huffman, run length	17/05	Geographic models
2/003	coding}	17/10	Constructive solid geometry [CSG] using solid
9/007	• {Transform coding, e.g. discrete cosine transform}	17/20	primitives, e.g. cylinders, cubes
9/008	• {Vector quantisation}	17/20	• Finite element generation, e.g. wire-frame surface
9/20	• Contour coding, e.g. using detection of edges	17/205	description, {tesselation}
9/40	• Tree coding, e.g. quadtree, octree	17/203	• {Re-meshing}• Polynomial surface description
		17/30	• 1 oryholinai surrace description
11/00	2D [Two Dimensional] image generation	19/00	Manipulating 3D models or images for computer
11/001	• {Texturing; Colouring; Generation of texture or colour (inpainting G06T 5/77)}		graphics
11/003	• {Reconstruction from projections, e.g. tomography}	19/003	• {Navigation within 3D models or images}
11/005	{Specific pre-processing for tomographic}	19/006	• {Mixed reality (object pose determination, tracking
11/003	reconstruction, e.g. calibration, source	10/20	or camera calibration for mixed reality <u>G06T 7/00</u>)}
	positioning, rebinning, scatter correction,	19/20	• Editing of 3D images, e.g. changing shapes or
	retrospective gating}		colours, aligning objects or positioning parts
11/006	• • {Inverse problem, transformation from	2200/00	Indexing scheme for image data processing or
	projection-space into object-space, e.g. transform		generation, in general
	methods, back-projection, algebraic methods}	2200/04	• involving 3D image data
11/008	• • {Specific post-processing after tomographic	2200/08	• involving all processing steps from image
	reconstruction, e.g. voxelisation, metal artifact		acquisition to 3D model generation
11/20	correction}	2200/12	 involving antialiasing
11/20	• Drawing from basic elements, e.g. lines or circles	2200/16	involving adaptation to the client's capabilities
11/203	• • {Drawing of straight lines or curves}	2200/21	involving computational photography
11/206	• • {Drawing of charts or graphs}	2200/24	• involving graphical user interfaces [GUIs]
11/40	Filling a planar surface by adding surface attributes, a g colour or texture.	2200/28	involving image processing hardware
	e.g. colour or texture		

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2200/32	involving image mosaicing	2207/10076 4D tomography; Time-sequential 3D
2200/36	Review paper; Tutorial; Survey	tomography
		2207/10081 Computed x-ray tomography [CT]
2201/00	General purpose image data processing	2207/10084 Hybrid tomography; Concurrent acquisition
2201/005	Image watermarking	with multiple different tomographic modalities
2201/0051	Embedding of the watermark in the spatial domain	2207/10088 Magnetic resonance imaging [MRI]
2201/0052	Embedding of the watermark in the frequency	2207/10092 Diffusion tensor magnetic resonance imaging
2201/0032	domain	[DTI]
2201/0053	Embedding of the watermark in the coding	2207/10096 Dynamic contrast-enhanced magnetic
2201/0000	stream, possibly without decoding; Embedding of	resonance imaging [DCE-MRI] 2207/10101 Optical tomography; Optical coherence
	the watermark in the compressed domain	tomography [OCT]
2201/0061	Embedding of the watermark in each block of the	2207/10104 Positron emission tomography [PET]
	image, e.g. segmented watermarking	2207/10108 Single photon emission computed tomography
2201/0062	. Embedding of the watermark in text images, e.g.	[SPECT]
	watermarking text documents using letter skew, letter distance or row distance	2207/10112 Digital tomosynthesis [DTS]
2201/0063		2207/10116 X-ray image
2201/0003	attack resistant	2207/10121 Fluoroscopy
2201/0064	• • for copy protection or copy management, e.g.	2207/10124 Digitally reconstructed radiograph [DRR]
	CGMS, copy only once, one-time copy	2207/10128 Scintigraphy
2201/0065	Extraction of an embedded watermark; Reliable	2207/10132 Ultrasound image
	detection	2207/10136 3D ultrasound image
2201/0081	whereby both original and watermarked images	2207/10141 Special mode during image acquisition
	are required at decoder, e.g. destination-based, non-blind, non-oblivious	2207/10144 Varying exposure
2201/0083	*	2207/10148 Varying focus 2207/10152 Varying illumination
2201/0003	decoder, e.g. source-based, blind, oblivious	2207/20 • Special algorithmic details
2201/0201	whereby only tamper or origin are detected and	2207/20004 • Adaptive image processing
	no embedding takes place	2207/20008 Globally adaptive
2201/0202	whereby the quality of watermarked images is	2207/20012 Locally adaptive
	measured; Measuring quality or performance	2207/20016 Hierarchical, coarse-to-fine, multiscale or
	of watermarking methods; Balancing between	multiresolution image processing; Pyramid
2201/0202	quality and robustness	transform
2201/0203	whereby the image with embedded watermark is reverted to the original condition before	2207/20021 . Dividing image into blocks, subimages or
	embedding, e.g. lossless, distortion-free or	windows
	invertible watermarking	2207/20024 . Filtering details 2207/20028 . Bilateral filtering
2201/0601	whereby calibration information is embedded	2207/20032 Median filtering
	in the watermark, e.g. a grid, a scale, a list of	2207/20036 . Morphological image processing
	transformations	2207/20041 Distance transform
2207/00	Indexing scheme for image analysis or image	2207/20044 Skeletonization; Medial axis transform
	enhancement	2207/20048 Transform domain processing
2207/10	Image acquisition modality	2207/20052 Discrete cosine transform [DCT]
	Still image; Photographic image	2207/20056 Discrete and fast Fourier transform, [DFT,
	from scanner, fax or copier	FFT]
	Stereo images	2207/20061 Hough transform
	Video; Image sequence	2207/20064 Wavelet transform [DWT]
2207/10021	Stereoscopic video; Stereoscopic image sequence	2207/20068 . Projection on vertical or horizontal image axis
2207/10024	. Color image	2207/20072 Graph-based image processing
	Range image; Depth image; 3D point clouds	2207/20076 • Probabilistic image processing 2207/20081 • Training; Learning
	Satellite or aerial image; Remote sensing	2207/20084 . Artificial neural networks [ANN]
	Multispectral image; Hyperspectral image	2207/20088 . Trinocular vision calculations; trifocal tensor
	Panchromatic image	2207/20092 . Interactive image processing based on input by
	Radar image	user
	Infrared image	2207/20096 Interactive definition of curve of interest
2207/10052	Images from lightfield camera	2207/20101 Interactive definition of point of interest,
	Microscopic image	landmark or seed
	from scanning electron microscope	2207/20104 Interactive definition of region of interest
	Fluorescence image	[ROI]
	Endoscopic image	2207/20108 Interactive selection of 2D slice in a 3D data set
2207/10072	Tomographic images	2207/20112 Image segmentation details

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2207/20116 Active contour; Active surface; Snakes	2207/30152 Solder
2207/20121 Active appearance model [AAM]	2207/30156 Vehicle coating
2207/20124 Active shape model [ASM]	2207/30161 Wood; Lumber
2207/20128 Atlas-based segmentation	2207/30164 Workpiece; Machine component
2207/20132 Image cropping	2207/30168 Image quality inspection
2207/20152 Watershed segmentation	2207/30172 Centreline of tubular or elongated structure
2207/20156 Automatic seed setting	2207/30176 Document
2207/20161 Level set	2207/30181 • Earth observation
2207/20164 Salient point detection; Corner detection	2207/30184 Infrastructure
2207/20168 Radial search	2207/30188 Vegetation; Agriculture
2207/20172 • Image enhancement details	2207/30192 Weather; Meteorology
2207/20182 Noise reduction or smoothing in the temporal	2207/30196 Human being; Person
domain; Spatio-temporal filtering	2207/30201 Face
2207/20192 Edge enhancement; Edge preservation	2207/30204 Marker
2207/20201 Motion blur correction	2207/30208 Marker matrix
2207/20204 Removing film grain; Adding simulated film	2207/30212 Military
grain	2207/30216 Redeye defect
2207/20208 High dynamic range [HDR] image processing	2207/30221 • Reddy's defect 2207/30221 • Sports video; Sports image
2207/20212 Image combination	2207/30224 • Ball; Puck
2207/20216 Image averaging	2207/30228 Playing field
2207/20221 Image fusion; Image merging	2207/30232 Surveillance
2207/20224 Image subtraction	2207/30236 • Traffic on road, railway or crossing
2207/20228 . Disparity calculation for image-based rendering	-
2207/30 • Subject of image; Context of image processing	2207/30241 . Trajectory
2207/30004 • Biomedical image processing	2207/30244 Counting objects in image
2207/30008 Bone	2207/30244 Camera pose
2207/30012 Spine; Backbone	2207/30248 . Vehicle exterior or interior
2207/30016 Brain	2207/30252 Vehicle exterior; Vicinity of vehicle
2207/30010 Brain 2207/30021 Catheter; Guide wire	2207/30256 Lane; Road marking
	2207/30261 Obstacle
2207/30024 Cell structures <u>in vitro</u> ; Tissue sections <u>in vitro</u>	2207/30264 Parking
2207/30028 Colon; Small intestine	2207/30268 Vehicle interior
2207/30032 Colon polyp	2210/00 Indexing scheme for image generation or computer
2207/30036 Dental; Teeth	graphics
2207/30041 Eye; Retina; Ophthalmic	2210/04 • Architectural design, interior design
2207/30044 Fetus; Embryo	2210/08 • Bandwidth reduction
2207/30048 Heart; Cardiac	2210/12 • Bounding box
2207/30052 Implant; Prosthesis	2210/16 • Cloth
2207/30056 Liver; Hepatic	2210/21 • Collision detection, intersection
2207/30061 Lung	2210/22 . Cropping
2207/30064 Lung nodule	2210/24 • Fluid dynamics
2207/30068 Mammography; Breast	2210/28 • Force feedback
2207/30072 Microarray; Biochip, DNA array; Well plate	2210/32 • Image data format
2207/30076 Plethysmography	2210/36 • Level of detail
2207/30081 Prostate	2210/41 • Medical
2207/30084 Kidney; Renal	2210/44 • Morphing
2207/30088 Skin; Dermal	2210/52 • Parallel processing
2207/30092 Stomach; Gastric	2210/56 • Particle system, point based geometry or rendering
2207/30096 Tumor; Lesion	2210/61 • Scene description
2207/30101 Blood vessel; Artery; Vein; Vascular	2210/62 • Semi-transparency
2207/30104 Vascular flow; Blood flow; Perfusion	2210/64 • Weathering
2207/30108 Industrial image inspection	
2207/30112 Baggage; Luggage; Suitcase	2211/00 Image generation
2207/30116 Casting	
2207/30121 CRT, LCD or plasma display	
2207/30124 Fabrics; Textile; Paper	
2207/30128 Food products	
2207/30132 Masonry; Concrete	
2207/30136 Metal	
2207/30141 Printed circuit board [PCB]	

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2207/30144 . . . Printing quality

2207/30148 . . . Semiconductor; IC; Wafer

2211/40 • Computed tomography

WARNING

Group <u>G06T 2211/40</u> is impacted by reclassification into groups <u>G06T 2211/441</u>, <u>G06T 2211/448</u>, <u>G06T 2211/452</u>, <u>G06T 2211/456</u>, <u>G06T 2211/461</u> and <u>G06T 2211/464</u>.

All groups listed in this Warning should be considered in order to perform a complete search.

2211/404 . . Angiography

2211/408 . . Dual energy

2211/412 . . Dynamic

2211/416 . Exact reconstruction

2211/421 . Filtered back projection [FBP]

2211/424 . . Iterative

2211/428 . . Real-time

2211/432 . . Truncation

2211/436 • • Limited angle

2211/441 . . AI-based methods, deep learning or artificial neural networks

WARNING

Group G06T 2211/441 is incomplete pending reclassification of documents from group G06T 2211/40.

Groups <u>G06T 2211/40</u> and <u>G06T 2211/441</u> should be considered in order to perform a complete search.

2211/444 . . Low dose acquisition or reduction of radiation

WARNING

Group G06T 2211/444 is incomplete pending reclassification of documents from group G06T 2211/40.

Groups <u>G06T 2211/40</u> and <u>G06T 2211/444</u> should be considered in order to perform a complete search.

2211/448 • • involving metal artefacts, streaking artefacts, beam hardening or photon starvation

WARNING

Group <u>G06T 2211/448</u> is incomplete pending reclassification of documents from group <u>G06T 2211/40</u>.

Groups <u>G06T 2211/40</u> and <u>G06T 2211/448</u> should be considered in order to perform a complete search.

2211/452 . . involving suppression of scattered radiation or scatter correction

WARNING

Group <u>G06T 2211/452</u> is incomplete pending reclassification of documents from group <u>G06T 2211/40</u>.

Groups <u>G06T 2211/40</u> and <u>G06T 2211/452</u> should be considered in order to perform a complete search.

2211/456 . Optical coherence tomography [OCT]

WARNING

Group G06T 2211/456 is incomplete pending reclassification of documents from group G06T 2211/40.

Groups <u>G06T 2211/40</u> and <u>G06T 2211/456</u> should be considered in order to perform a complete search.

2211/461 . Phase contrast imaging or dark field imaging

WARNING

Group <u>G06T 2211/461</u> is incomplete pending reclassification of documents from group <u>G06T 2211/40</u>.

Groups <u>G06T 2211/40</u> and <u>G06T 2211/461</u> should be considered in order to perform a complete search.

2211/464 • Dual or multimodal imaging, i.e. combining two or more imaging modalities

WARNING

2213/00

Group G06T 2211/464 is incomplete pending reclassification of documents from group G06T 2211/40.

Groups <u>G06T 2211/40</u> and <u>G06T 2211/464</u> should be considered in order to perform a complete search.

	The control of the co
2213/04	Animation description language
2213/08	Animation software package
2213/12	Rule based animation
2215/00	Indexing scheme for image rendering
2215/06	• Curved planar reformation of 3D line structures
2215/08	Gnomonic or central projection
2215/12	Shadow map, environment map
2215/16	Using real world measurements to influence
	rendering

Indexing scheme for animation

2219/00 Indexing scheme for manipulating 3D models or images for computer graphics

2219/004	Annotating, labelling
2219/008	• Cut plane or projection plane definition
2219/012	Dimensioning, tolerancing
2219/016	Exploded view
2219/021	• Flattening
2219/024	Multi-user, collaborative environment
2219/028	Multiple view windows (top-side-front-

2219/028 • Multiple view windows (top-side-front-sagittal-orthogonal)

2219/20
Indexing scheme for editing of 3D models
2219/2004
Aligning objects, relative positioning of parts

2219/2008 . . Assembling, disassembling

2219/2012 . . Colour editing, changing, or manipulating; Use of colour codes

2219/2016 . . Rotation, translation, scaling

2219/2021 . . Shape modification2219/2024 . . Style variation

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