

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 283

DATE: NOVEMBER 1, 2016

PROJECT MP0145

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

<u>Action*</u>	<u>Subclass</u>	<u>Group(s)</u>
Scheme Warning Notices to be deleted:	G01B	9/02
	G01D	5/35306
	G01D	5/3537
	G01J	3/22
	G01N	15/1484
	G01N	21/3577
	G01N	21/3586
	G01N	21/643
	G01N	21/645
	G01N	21/6452
	G01N	21/6454
	G01N	21/6456
	G01N	21/6458
	G01N	21/648
	G01N	21/6486
	G01N	21/658
	G01N	23/083
	G01N	23/087
	G01N	24/087
	G01N	24/088
	G01N	30/48
	G01P	1/06
	G01P	3/363
	G01P	9/04
	G01R	1/06727
	G01R	15/148
	G01R	22/06
	G01R	22/066
	G01R	22/068
	G01R	29/023
	G01R	33/243
	G01R	33/246
	G01R	33/28
	G01R	33/323
	G01R	33/3607
	G01R	33/3642
	G01R	33/3664
	G01R	33/3678
	G01R	33/3685
	G01R	33/3852
	G01R	33/44

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<u>Action*</u>	<u>Subclass</u>	<u>Group(s)</u>
	G01R	33/443
	G01R	33/446
	G01R	33/448
	G01R	33/481
	G01R	33/4812
	G01R	33/4814
	G01R	33/4826
	G01R	33/4836
	G01R	33/543
	G01R	33/5607
	G01R	33/5608
	G01R	33/56383
	G01R	33/56391
	G01R	33/56545
	G01R	33/5659
	G01R	33/583
	G01R	33/586
	G01T	1/201
	G01T	1/2012
	G01V	5/00
	G02B	6/3586
	G02B	17/0668
	G02B	17/0864
	G02B	19/00
	G02B	21/0092
	G02B	27/0916
	G02B	27/4272
	G02B	27/44
	G03G	15/0136
	G03G	15/0163
	G03G	15/0184
	G03G	15/0291
	G03G	15/04045
	G03G	15/0848
	G03G	15/0865
	G03G	15/0887
	G03G	15/1615
	G03G	15/2017
	G03G	15/224
	G03G	15/5041
	G03G	15/5054
	G03G	15/556
	G03G	15/6561
	G03G	15/6585
	G03G	15/6591
	G03G	21/0076
	G03G	21/105
	G03G	21/18
	G03G	21/203

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<u>Action*</u>	<u>Subclass</u>	<u>Group(s)</u>
	G04C	3/002
	G04C	3/004
	G04C	9/02
	G04C	11/02
	G04F	10/005
	G04F	13/04
	G04F	13/06
	G04G	5/002
	G04G	5/022
	G04G	5/027
	G04G	5/043
	G04G	5/045
	G04G	7/02
	G05B	23/02
	G05B	23/0205
	G05B	23/0208
	G05B	23/021
	G05B	23/0213
	G05B	23/0216
	G05B	23/0218
	G05B	23/0221
	G05B	23/0224
	G05B	23/0227
	G05B	23/0229
	G05B	23/0232
	G05B	23/0235
	G05B	23/0237
	G05B	23/024
	G05B	23/0243
	G05B	23/0245
	G05B	23/0248
	G05B	23/0251
	G05B	23/0254
	G05B	23/0256
	G05B	23/0259
	G05B	23/0262
	G05B	23/0264
	G05B	23/0267
	G05B	23/027
	G05B	23/0272
	G05B	23/0275
	G05B	23/0278
	G05B	23/0281
	G05B	23/0283
	G05B	23/0286
	G05B	23/0289
	G05B	23/0291
	G05B	23/0294
	G05B	23/0297

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<u>Action*</u>	<u>Subclass</u>	<u>Group(s)</u>
	G06E	3/00
	G06E	3/008
	G06F	1/305
	G06F	3/0416
	G06F	7/026
	G06F	7/49
	G06F	7/493
	G06F	7/494
	G06F	7/496
	G06F	7/60
	G06F	11/1662
	G06F	11/2017
	G06F	17/30002
	G06F	17/30005
	G06F	17/30008
	G06F	17/30017
	G06F	17/30067
	G06F	17/30283
	G06F	17/30286
	G06F	17/3074
	G06F	17/60
	G06F	19/70
	G06T	7/0071
	G06T	7/20
	G06T	7/2006
	G06T	7/204
	G06T	7/2046
	G06T	7/2093
	G06T	11/003
	G06T	11/005
	G06T	11/006
	G06T	11/008
	G06T	15/205
	G06T	19/00
	G06T	19/003
	G06T	19/006
	G07D	3/00
	G07D	5/00
	G07D	5/005
	G07D	5/02
	G07D	5/06
	G07D	5/08
	G07D	5/10
	G07F	3/04
	G10L	13/043
	G10L	15/265
	G10L	17/005
	G10L	19/0019
	G10L	21/0202

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<u>Action*</u>	<u>Subclass</u>	<u>Group(s)</u>
	G10L	21/0205
	G11B	27/02
	G11B	7/00458
	G11B	7/0053
	G11B	7/00736
	G11B	7/0079
	G11B	7/082
	G11B	7/125
	G11B	7/13
	G11B	7/135
	G11B	7/1395
	G11B	7/265
	G11B	7/266
	G11B	7/268
	G11C	7/02
	G11C	7/04
	G11C	7/08

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

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

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1. CLASSIFICATION SCHEME CHANGES

B. New, Modified or Deleted Warning notice(s)

SUBCLASS G01B - MEASURING LENGTH, THICKNESS OR SIMILAR LINEAR DIMENSIONS; MEASURING ANGLES; MEASURING AREAS; MEASURING IRREGULARITIES OF SURFACES OR CONTOURS ({measuring human body, see the relevant places, where such exist, e.g. A41H1/00 , A43D1/02, A61B5/103 ; measuring appliances combined with walking-sticks A45B3/08 ; sorting according to dimensions B07; tool-setting or drawing instruments not specially modified for measuring B23B49/00 , B23Q15/00 to B23Q17/00 , B43L; combinations of measuring devices with writing-appliances B43K29/08 ; geodetical, nautical or aeronautical measuring, surveying, rangefinding G01C; photogrammetry G01C11/00 ; measuring force or stress, in general G01L1/00 ; investigating or analysing particle size, investigating or analysing surface area of porous material G01N; measuring position, distance or direction, in general, by reception or emission of radiowaves or other waves and based on propagation effects, e.g. Doppler effect, propagation time, direction of propagation G01S; geophysical measuring G01V; measuring length or roll diameter of film in cameras or projectors G03B1/60 ; combinations of measuring devices with means for controlling or regulating G05; methods or arrangements for converting the position of a manually-operated writing or tracing member into an electrical signal G06K11/00 ; measuring elapsed travel of recording medium in recording and playback equipment, sensing diameter of record in autochange gramophones G11B; means structurally associated with electric rotary current collectors for indicating brush wear H01R39/58 ; indicating consumption of electrodes in arc lamps H05B31/34 })

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
D	G01B9/02	The subgroups G01B9/02001 - G01B9/02097 are not complete pending completion of a reorganization, provisionally see G01B9/02	

SUBCLASS G01D - MEASURING NOT SPECIALLY ADAPTED FOR A SPECIFIC VARIABLE; ARRANGEMENTS FOR MEASURING TWO OR MORE VARIABLES NOT COVERED IN A SINGLE OTHER SUBCLASS; TARIFF METERING APPARATUS; MEASURING OR TESTING NOT OTHERWISE PROVIDED FOR (means structurally associated with lightning or other over-voltage discharging apparatus for recording the operation thereof G01R; displaying information in general G09F; recording in a way which requires playback through a transducer G11B)

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
D	G01D5/35306	This group and its subgroups are not complete pending reclassification; see also G01D35303	
D	G01D5/3537	This group and its subgroups are not complete pending reclassification; see also G01D35303	

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SUBCLASS G01J - MEASUREMENT OF INTENSITY, VELOCITY, SPECTRAL CONTENT, POLARISATION, PHASE OR PULSE CHARACTERISTICS OF INFRA-RED, VISIBLE OR ULTRA-VIOLET LIGHT; COLORIMETRY; RADIATION PYROMETRY (light sources F21, H01J, H01K, H05B; investigating properties of materials by optical means G01N)

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
D	G01J3/22	material provisionally in G01J3/18	

SUBCLASS G01N - INVESTIGATING OR ANALYSING MATERIALS BY DETERMINING THEIR CHEMICAL OR PHYSICAL PROPERTIES (separating components of materials in general B01D, B01J, B03, B07; apparatus fully provided for in a single other subclass, see the relevant subclass e.g. B01L; measuring or testing processes other than immunoassay, involving enzymes or micro-organisms C12M, C12Q; investigation of foundation soil in situ E02D1/00 ; sensing humidity changes for compensating measurements of other variables or for compensating readings of instruments for variations in humidity, see G01D or the relevant subclass for the variable measured; testing or determining the properties of structures G01M; measuring or investigating electric or magnetic properties of materials G01R; systems or methods in general, using reception or emission of radiowaves or other waves and based on propagation effects, e.g. Doppler effect, propagation time, direction of propagation, G01S; determining sensitivity, graininess, or density of photographic materials G03C5/02 ; testing component parts of nuclear reactors G21C17/00 ; { controlling or regulating non-electric variables G05D; measuring degree of ionisation of ionised gases, i.e. plasma H05H1/0006 ; testing electrographic developer properties G03G15/0848 })

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
D	G01N15/1484	This group is incomplete; see provisionally also groups G01N 15/14, G01N 15/1404, G01N 15/1456 and related indexing codes	
D	G01N21/3577	Group G01N 21/3577 is incomplete pending reclassification of documents from group G01N 21/35. Until reclassification is complete, groups G01N 21/3577 and G01N 21/35 should be considered in order to perform a complete search.	
D	G01N21/3586	Group G01N 21/3586 is incomplete pending reclassification of documents from group(s) G01N 21/3581. Until reclassification is complete, groups G01N 21/3586 and G01N 21/3581 should be considered in order to perform a complete search.	

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<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
D	G01N21/643	Not complete, see G01N21/6428	
D	G01N21/645	Not complete, see also G01N21/6428 to G01N21/6447	
D	G01N21/6452	Not complete, see also G01N21/6428 to G01N21/645 and G01N21/253	
D	G01N21/6454	Not complete, see G01N21/645	
D	G01N21/6456	Not complete, see also G01N21/6428 to G01N21/6447	
D	G01N21/6458	Not complete, see also G01N21/6428 and G01N21/6447	
D	G01N21/648	Not complete, see also G01N21/553 to G01N21/6428	
D	G01N21/6486	Not complete, see also G01N21/6428 to G01N21/6447	
D	G01N21/658	Not complete, see G01N21/65	
D	G01N23/083	Not complete, see also G01N23/08	
D	G01N23/087	Not complete, see also G01N23/08	
D	G01N24/087	Not complete pending reclassification, see also G01R33/44	
D	G01N24/088	Not complete, see also G01R33/44 and its subgroups	
D	G01N30/48	Groups G01N30/48 and G01N30/482 are no longer used for the classification of new documents as from September 1st, 2004. The backlog of these groups is being continuously reclassified to B01J20/281 and subgroups	

SUBCLASS G01P - MEASURING LINEAR OR ANGULAR SPEED, ACCELERATION, DECELERATION, OR SHOCK; INDICATING PRESENCE, ABSENCE, OR DIRECTION, OF MOVEMENT (measuring or recording blood flow A61B5/02, A61B8/06; monitoring speed or deceleration of electrically-propelled vehicles B60L3/00; vehicle lighting systems adapted to indicate speed B60Q1/54; determining position or course in navigation, measuring ground distance in geodesy or surveying G01C; combined measuring devices for measuring two or more variables of movement G01C23/00; measuring velocity of sound G01H; measuring velocity of light G01J7/00; measuring direction or velocity of solid objects by reception or emission of radiowaves or other waves and based on propagation effects, e.g. Doppler effect, propagation time, direction of propagation, G01S; measuring speed of nuclear radiation G01T; measuring acceleration of gravity G01V; {

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measuring or recording the speed of trains B61L23/00; speed indicators incorporated in motor vehicles B60K35/00; measuring frequency or phase G01R; traffic control G08G}

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
D	G01P1/06	This group is no longer used for the classification of new documents from April 1, 2005. The backlog of this group is being continuously reclassified to G01P1/07, and G01P1/12 and s.gr.	
D	G01P3/363	This group is no longer used for the classification of new documents from April 1, 2005. The backlog of this group is being continuously reclassified to G01C19/64 and s.gr.	
D	G01P9/04	This group is not used in ECLA; its scope is covered by G01C19/56 and s.gr.	

SUBCLASS G01R - MEASURING ELECTRIC VARIABLES; MEASURING MAGNETIC VARIABLES (measuring physical variables of any kind by conversion into electric variables, see Note (4) following the title of class G01; measuring diffusion of ions in an electric field, e.g. electrophoresis, electro-osmosis G01N; investigating non-electric or non-magnetic properties of materials by using electric or magnetic methods G01N; indicating correct tuning of resonant circuits H03J3/12 ; monitoring electronic pulse counters H03K21/40 ; monitoring operation of communication systems H04)

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
D	G01R15/148	Not complete pending reorganization; see also G01R 15/20	
D	G01R22/06	IPC8 group G01R22/06 and subgroups, introduced in the CPC scheme in September 2004, might be temporarily incomplete as a number of documents presently classified in group G01R22/00 needs reclassification to these IPC groups	
D	G01R22/066	Not complete pending reorganization; see also G01R11/24	
D	G01R22/068	Not complete pending reorganization; see also G01R11/25	
D	G01R29/023	This group is incomplete pending a reorganisation. See	

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<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
		also G01R29/02 and G01R29/0273	
D	G01R33/243	Not complete pending reclassification, see also G01R33/44	
D	G01R33/246	Not complete pending reclassification, see also G01R33/44	
D	G01R33/28	Groups G01R33/281 - G01R33/288 are not complete pending reclassification. See also this group	
D	G01R33/323	Not complete pending reclassification, see also G01R33/36	
D	G01R33/3607	Not complete pending reclassification, see also G01R33/36	
D	G01R33/3642	Not complete pending reclassification, see also G01R33/36	
D	G01R33/3664	Not complete pending reclassification, see also G01R33/36	
D	G01R33/3678	Not complete pending reclassification, see also G01R33/36	
D	G01R33/3685	Not complete pending reclassification, see also G01R33/36	
D	G01R33/3852	Not complete pending reclassification, see also G01R33/385	
D	G01R33/44	Groups G01R33/44B - G01R33/443 are not complete pending reclassification. See also this group	
D	G01R33/443	Groups G01R33/243 - G01R33/246 are not complete pending reclassification. See also this group	
D	G01R33/446	Not complete pending reclassification, see also G01R33/48	
D	G01R33/448	Not complete pending reclassification, see also G01R33/44 and G01R33/44A	
D	G01R33/481	Not complete pending reclassification, see also G01R33/4808	

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<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
D	G01R33/4812	Not complete pending reclassification, see also G01R33/4808	
D	G01R33/4814	Not complete pending reclassification, see also G01R33/4808	
D	G01R33/4826	Not complete pending reclassification, see also G01R33/4818	
D	G01R33/4836	Not complete pending reclassification, see also G01R33/4833	
D	G01R33/543	Not complete pending reclassification, see also G01R33/54	
D	G01R33/5607	Not complete pending reclassification, see also G01R33/56	
D	G01R33/5608	Not complete pending reclassification, see also G01R33/56	
D	G01R33/56383	Not complete pending reclassification, see also G01R33/56375	
D	G01R33/56391	Not complete pending reclassification, see also G01R33/563	
D	G01R33/56545	Not complete pending reclassification, see also G01R33/565	
D	G01R33/5659	Not complete pending reclassification, see also G01R33/565	
D	G01R33/583	Not complete pending reclassification, see also G01R33/58	
D	G01R33/586	Not complete pending reclassification, see also G01R33/58	

SUBCLASS G01T - MEASUREMENT OF NUCLEAR OR X-RADIATION (radiation analysis of materials, mass spectrometry G01N; counters per se G06M, H03K; electric discharge tubes for analysing radiation or particles H01J40/00 , H01J47/00 , H01J49/00)

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
D	G01T1/201	Not complete, see also G01T1/2992	

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<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
D	G01T1/2012	This group and subgroups are not complete pending reclassification; see also group G01T1/2992	

SUBCLASS G01V - GEOPHYSICS; GRAVITATIONAL MEASUREMENTS; DETECTING MASSES OR OBJECTS (detecting or locating foreign bodies for diagnostic, surgical or person-identification purposes A61B; means for indicating the location of accidentally buried, e.g. snow-buried persons A63B29/02 ; investigating or analysing earth materials by determining their chemical or physical properties G01N; measuring electric or magnetic variables in general, other than direction or magnitude of the earth's field G01R; electronic or nuclear magnetic resonance arrangements G01R33/20 ; radar, sonar or analogous methods in general, detecting masses or objects involving these methods G01S)

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
D	G01V5/00	Pending reclassification, the subgroups of this group are not complete; see also this group	

SUBCLASS G02B - OPTICAL ELEMENTS, SYSTEMS, OR APPARATUS (G02F takes precedence; measuring-instruments, see the relevant subclass of G01, e.g. optical rangefinders G01C; testing of optical elements, systems, or apparatus G01M11/00 ; spectacles G02C; sound lenses G10K11/30 ; electron and ion "optics" H01J; X-ray "optics" H01J, H05G1/00 ; optical elements structurally combined with electric discharge tubes H01J5/16 , H01J29/89 , H01J37/22 ; microwave "optics" H01Q; combination of optical elements with television receivers H04N5/72 ; heating arrangements specially adapted for transparent or reflecting areas H05B3/84 ; {optical apparatus 42H})

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
D	G02B6/3586	The scope of this group has been changed: for rotating, tilting or pivoting the waveguides, or with the waveguides describing a curved path see G02B6/3504	
D	G02B17/0668	This group and subgroups are no longer used for the classification of new documents as from May 1, 2012. The backlog is being continuously classified to G02B19/00 and subgroups	

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<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
D	G02B17/0864	This group and subgroups are no longer used for the classification of new documents as from May 1, 2012. The backlog is being continuously classified to G02B19/00 and subgroups	
D	G02B19/00	This group and subgroups are not complete pending reclassification, see G02B17/0668 and subgroups	
D	G02B21/0092	Not complete, see also other subgroups of G02B21/00	
D	G02B27/0916	This group and subgroups are no longer used for the classification of new documents as from May 1, 2012. The backlog is being continuously classified to G02B19/00 and subgroups	
D	G02B27/4272	Not complete, see also G02B5/1814	
D	G02B27/44	This group is no longer used for the classification of new documents as from May 1, 2012. The backlog is being continuously classified to G02B27/42 and subgroups	

SUBCLASS G03G - ELECTROGRAPHY; ELECTROPHOTOGRAPHY; MAGNETOGRAPHY (information storage based on relative movement between record carrier and transducer G11B; static stores with means for writing-in or reading-out information G11C; recording of television signals H04N5/76)

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
D	G03G15/0136	Group G03G15/0136 is not complete, pending reorganisation. See also G03G15/0131	
D	G03G15/0163	Groups G03G15/0163 to G03G15/0173 are not complete pending reorganisation. See also G03G15/0147 - G03G15/0157	
D	G03G15/0184	Groups G03G15/0184 to G03G15/0194 are not complete pending reorganisation. See also G03G15/0178	

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<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
D	G03G15/0291	Groups G03G15/0291 and G03G15/025 are not complete pending reorganisation. See also G03G15/02 - G03G15/028	
D	G03G15/04045	Groups G03G15/04054 to G03G15/04081 are not complete pending reorganisation. See also G03G15/04 , G03G15/04036, G03G15/043 , G03G15/0435 and G03G15/326	
D	G03G15/0848	G03G15/0848 to G03G15/0862 are not complete pending reorganisation. See also G03G15/0822- G03G15/0831	
D	G03G15/0865	Groups G03G15/0877 to G03G15/0893 are not complete pending reorganisation. See also G03G15/0832 - G03G15/0843	
D	G03G15/0887	Groups G03G15/0887 - G03G15/0893 is not complete pending reorganisation. See also t G03G15/0846	
D	G03G15/1615	Groups G03G15/1615 and G03G15/162 are not complete pending reorganisation. See also G03G15/1605- G03G15/161	
D	G03G15/2017	Groups G03G15/2017 to G03G15/205 are not complete pending reorganisation. See also G03G15/2064 - G03G15/2089	
D	G03G15/224	Group G03G15/224 is not complete pending reorganisation. See also G03G15/221	
D	G03G15/5041	Groups G03G15/5041 to G03G15/505 are not complete, pending reorganisation. See also G03G15/5033	
D	G03G15/5054	Groups G03G15/5054- G03G15/5058 are not complete, see also G03G15/50	
D	G03G15/556	Group G03G15/556 is not complete. See also G03G15/55 - G03G15/553	

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<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
D	G03G15/6561	Groups G03G15/6561 - G03G15/6567 are not complete, pending reorganisation. See also G03G15/6558	
D	G03G15/6585	Group G03G15/6585 is not complete, pending reorganisation. See also G03G15/6582	
D	G03G15/6591	Groups G03G15/6591 to G03G15/6594 are not complete, pending reorganisation. See also G03G15/6588	
D	G03G21/0076	Groups G03G21/0076 to G03G21/0082 are not complete pending reorganisation. See also G03G21/007	
D	G03G21/105	Group G03G21/105 is not complete pending reorganisation. See also G03G21/10 - G03G21/12	
D	G03G21/18	Groups G03G21/1803 to G03G21/1896 are not complete pending reorganisation. See also this group	
D	G03G21/203	Groups G03G21/203 and G03G21/206 are not complete pending reorganisation. See also G03G21/20	

SUBCLASS G04C - ELECTROMECHANICAL CLOCKS OR WATCHES (mechanical parts of clocks or watches in general G04B; electronic time-pieces with no moving parts, electronic circuitry for producing timing pulses G04G)

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
D	G04C3/002	Not complete. See also G04C3/001	
D	G04C3/004	Not complete. See also G04C3/001, G04C3/005	
D	G04C9/02	This group is no longer used for the classification of new documents as from September 1, 2012 The backlog of this group is being continuously reclassified to subgroups of G04R	

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<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
D	G04C11/02	This group and subgroups are no longer used for the classification of new documents as from September 1, 2012. The backlog of this group and subgroups are being continuously reclassified to subgroups of G04R	

SUBCLASS G04F - TIME-INTERVAL MEASURING (measuring pulse characteristics G01R, e.g. G01R29/02; in radar or like systems G01S; masers H01S1/00; generation of oscillations H03B; generation or counting of pulses, frequency dividing, analogue/digital conversion H03K){ time fuzes F42C9/00}

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
D	G04F10/005	This group is not complete pending reclassification; see also groups G04F10/04 and G04F10/06	
D	G04F13/04	Not complete, see also G04F10/00	
D	G04F13/06	Not complete, see also G04F10/00	

SUBCLASS G04G - ELECTRONIC TIME-PIECES

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
D	G04G5/002	This group is no longer used for the classification of new documents as from September 1, 2012. The backlog of this group is being continuously reclassified to subgroups of G04R	
D	G04G5/022	Not complete, see also G04G5/02	
D	G04G5/027	Not complete, see also G04G5/02	
D	G04G5/043	Not complete, see also G04G5/04	
D	G04G5/045	Not complete, see also G04G5/04	
D	G04G7/02	This group and subgroups are no longer used for the classification of new documents as from September 1, 2012. The backlog of this	

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<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
		group and subgroups are being continuously reclassified to subgroups of G04R	

SUBCLASS G05B - CONTROL OR REGULATING SYSTEMS IN GENERAL; FUNCTIONAL ELEMENTS OF SUCH SYSTEMS; MONITORING OR TESTING ARRANGEMENTS FOR SUCH SYSTEMS OR ELEMENTS (fluid-pressure actuators or systems acting by means of fluids in general F15B; valves per se F16K; characterised by mechanical features only G05G; sensitive elements, see the appropriate subclass, e.g. G12B, subclass of G01, H01; correcting units, see the appropriate subclass, e.g. H02K)

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
D	G05B23/02	As from June 1st, 2011 documents of this group are being continuously reclassified to its subgroups]	
D	G05B23/0205	Not complete pending the completion of a reclassification; see also G05B23/02	
D	G05B23/0208	Not complete pending the completion of a reclassification; see also G05B23/02	
D	G05B23/021	Not complete pending the completion of a reclassification; see also G05B23/02	
D	G05B23/0213	Not complete pending the completion of a reclassification; see also G05B23/02	
D	G05B23/0216	Not complete pending the completion of a reclassification; see also G05B23/02	
D	G05B23/0218	Not complete pending the completion of a reclassification; see also G05B23/02	
D	G05B23/0221	Not complete pending the completion of a reclassification; see also G05B23/02	
D	G05B23/0224	Not complete pending the completion of a reclassification; see also G05B23/02	

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<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
D	G05B23/0227	Not complete pending the completion of a reclassification; see also G05B23/02	
D	G05B23/0229	Not complete pending the completion of a reclassification; see also G05B23/02	
D	G05B23/0232	Not complete pending the completion of a reclassification; see also G05B23/02	
D	G05B23/0235	Not complete pending the completion of a reclassification; see also G05B23/02	
D	G05B23/0237	Not complete pending the completion of a reclassification; see also G05B23/02	
D	G05B23/024	Not complete pending the completion of a reclassification; see also G05B23/02	
D	G05B23/0243	Not complete pending the completion of a reclassification; see also G05B23/02	
D	G05B23/0245	Not complete pending the completion of a reclassification; see also G05B23/02	
D	G05B23/0248	Not complete pending the completion of a reclassification; see also G05B23/02	
D	G05B23/0251	Not complete pending the completion of a reclassification; see also G05B23/02	
D	G05B23/0254	Not complete pending the completion of a reclassification; see also G05B23/02	
D	G05B23/0256	Not complete pending the completion of a reclassification; see also G05B23/02	
D	G05B23/0259	Not complete pending the completion of a	

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<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
		reclassification; see also G05B23/02	
D	G05B23/0262	Not complete pending the completion of a reclassification; see also G05B23/02	
D	G05B23/0264	Not complete pending the completion of a reclassification; see also G05B23/02	
D	G05B23/0267	Not complete pending the completion of a reclassification; see also G05B23/02	
D	G05B23/027	Not complete pending the completion of a reclassification; see also G05B23/02	
D	G05B23/0272	Not complete pending the completion of a reclassification; see also G05B23/02	
D	G05B23/0275	Not complete pending the completion of a reclassification; see also G05B23/02	
D	G05B23/0278	Not complete pending the completion of a reclassification; see also G05B23/02	
D	G05B23/0281	Not complete pending the completion of a reclassification; see also G05B23/02	
D	G05B23/0283	Not complete pending the completion of a reclassification; see also G05B23/02	
D	G05B23/0286	Not complete pending the completion of a reclassification; see also G05B23/02	
D	G05B23/0289	Not complete pending the completion of a reclassification; see also G05B23/02	
D	G05B23/0291	Not complete pending the completion of a reclassification; see also G05B23/02	

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<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
D	G05B23/0294	Not complete pending the completion of a reclassification; see also G05B23/02	
D	G05B23/0297	Not complete pending the completion of a reclassification; see also G05B23/02	

SUBCLASS G06E - OPTICAL COMPUTING DEVICES; {COMPUTING DEVICES USING OTHER RADIATIONS WITH SIMILAR PROPERTIES} (optical logic elements per se G02F3/00; digital storage using optical elements G11C13/04)

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
D	G06E3/00	Not complete. For hybrid devices see also G06J	
D	G06E3/008	Not complete. See also G06E3/001	

SUBCLASS G06F - ELECTRICAL DIGITAL DATA PROCESSING (computers in which a part of the computation is effected hydraulically or pneumatically G06D; optically G06E; self-contained input or output peripheral equipment G06K; impedance networks using digital techniques H03H)

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
D	G06F1/305	Not complete, see also G06F1/30	
D	G06F3/0416	Not complete, see G06F3/0488	
D	G06F7/026	Not complete. For documents published before July 1970 see also G06F7/02	
D	G06F7/49	Not complete. For radix 12 or 20 see provisionally also G06F7/491 and subgroups	
D	G06F7/493	Not complete. See provisionally also G06F7/491	
D	G06F7/494	Not complete. See provisionally also G06F7/4912	
D	G06F7/496	Not complete. See provisionally also G06F7/4915, G06F7/4917	

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<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
D	G06F7/60	Not complete: for computing devices using combinations of denominational and non-denominational quantity representations see also G06F7/62	
D	G06F11/1662	Not complete pending a reclassification. See also G06F11/1658	
D	G06F11/2017	Not complete pending a reclassification. See also G06F11/20 L	
D	G06F17/30002	This group is no longer used for the classification of new documents as from April 15, 2012. The backlog of this group is being continuously reclassified to subgroups of G06F17/30067 and G06F17/30286	
D	G06F17/30005	This group is no longer used for the classification of new documents as from April 15, 2012. The backlog of this group is being continuously reclassified to subgroups of G06F17/30179 and G06F17/30569	
D	G06F17/30008	This group is no longer used for the classification of new documents as from April 15, 2012. The backlog of this group is being continuously reclassified to subgroups of G06F17/30067 and G06F17/30286	
D	G06F17/30017	Groups G06F17/3002 - G06F17/30064 are not complete pending reclassification. See also G06F17/30017	
D	G06F17/30067	Groups G06F17/3007 to G06F17/30238 are not complete pending reclassification. See also this group	

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<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
D	G06F17/30283	This group is no longer used for the classification of new documents as from April 15, 2012. The backlog of this group is being continuously reclassified to subgroups of G06F17/30067 and G06	
D	G06F17/30286	Not complete pending the completion of a reclassification; see also G06F17/30002, G06F17/30008 and G06F17/30283	
D	G06F17/3074	Groups G06F17/30743 - G06F17/30778 are not complete pending reclassification. See also G06F17/3074	
D	G06F17/60	This group is no longer used for the classification of new documents as from January 1, 2006. The backlog of this group is being continuously reclassified to the relevant groups of G06Q	
D	G06F19/70	Subgroups G06F19/701 - G06F19/709 are not complete pending reclassification; see also group G06F19/70.	

SUBCLASS G06T - IMAGE DATA PROCESSING OR GENERATION, IN GENERAL (specially adapted for particular applications, see the relevant subclasses, e.g. G06K, G09G, H04N)

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
D	G06T7/0071	Not complete pending reclassification; see also group G06T7/20	
D	G06T7/20	This group is being reorganised. Documents dealing with shape from motion are reclassified to G06T7/0071 and a sub-group G06T7/2006 is created	
D	G06T7/2006	Not complete pending reclassification; see also group G06T7/20	

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<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
D	G06T7/204	Not complete pending reclassification; see also group G06T7/20	
D	G06T7/2046	Not complete pending reclassification; see also group G06T7/20	
D	G06T7/2093	Not complete pending reclassification; see also group G06T7/20	
D	G06T11/003	As from 06.2011 documents of this group are being continuously reclassified to its subgroups	
D	G06T11/005	Not complete pending the completion of a reclassification; see also G11/00T	
D	G06T11/006	Not complete pending the completion of a reclassification; see also G06T11/003	
D	G06T11/008	Not complete pending the completion of a reclassification; see also G06T11/003	
D	G06T15/205	This group is not complete pending a reorganisation. See also G06T15/00	
D	G06T19/00	As from August 1, 2011, documents relating to subject matter covered by subgroups G06T19/003, G06T19/006 are continuously reclassified to said subgroups	
D	G06T19/003	This group is not complete pending reclassification; see also group G06T19/00	
D	G06T19/006	This group is not complete pending reclassification; see also group G06T19/00	

SUBCLASS G07D - HANDLING OF COINS OR OF PAPER CURRENCY OR SIMILAR VALUABLE PAPERS, e.g. TESTING, SORTING BY DENOMINATIONS, COUNTING, DISPENSING, CHANGING OR DEPOSITING

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
D	G07D3/00	Not complete pending a reclassification. See also	

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<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
		groups G07F3/00 and G07F3/04	
D	G07D5/00	Not complete pending a reclassification. See also groups G07F3/00 to G07F3/027	
D	G07D5/005	Not complete pending a reclassification. See also groups G07F3/02 and G07F3/027	
D	G07D5/02	Not complete pending a reclassification. See also groups G07F3/02 and G07F3/022	
D	G07D5/06	Not complete pending a reclassification. See also groups G07F3/02 and G07F3/025	
D	G07D5/08	Not complete pending a reclassification. See also groups G07F3/02 and G07F3/025	
D	G07D5/10	Not complete pending a reclassification. See also groups G07F3/02 and G07F3/027	

SUBCLASS G07F - COIN-FREED OR LIKE APPARATUS (coin sorting G07D3/00 ; coin testing G07D5/00 ; { handling coins or paper currencies apart from payment activated apparatus G07D; payment architectures, schemes or protocols G06Q20/00 })

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
D	G07F3/04	This group is no longer used for the classification of new documents from October 1, 2007. The backlog of this group is being continuously reclassified to the group G07D3/00 and subgroups	

SUBCLASS G10L - SPEECH ANALYSIS OR SYNTHESIS; SPEECH RECOGNITION; SPEECH OR VOICE PROCESSING; SPEECH OR AUDIO CODING OR DECODING

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
D	G10L13/043	This group is no longer used for the classification of new	

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<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
		documents as from September 1, 2012. The backlog is being reclassified to G10L13/00 and subgroups.	
D	G10L15/265	This group is no longer used for the classification of new documents as from September 1, 2012. The backlog is being reclassified to G10L15/00 and subgroups.	
D	G10L17/005	This group is no longer used for the classification of new documents as from September 1, 2012. The backlog is being reclassified to G10L17/00 and subgroups.	
D	G10L19/0019	This group is no longer used for the classification of new documents as from September 1, 2012. The backlog is being reclassified to G10L19/00 and subgroups.	
D	G10L21/0202	This group is no longer used for the classification of new documents as from September 1, 2012. The backlog is being reclassified to G10L21/00 and subgroups.	
D	G10L21/0205	This group is no longer used for the classification of new documents as from September 1, 2012. The backlog is being reclassified to G10L21/0364, G10L21/057.	

SUBCLASS G11B - INFORMATION STORAGE BASED ON RELATIVE MOVEMENT BETWEEN RECORD CARRIER AND TRANSDUCER ({ producing carriers of sound records for needle playback B29C39/00 } ; recording measured values in a way that does not require playback through a transducer G01D; photosensitive materials or processes for photographic purposes G03C; electrography, electrophotography, magnetography G03G; recording or playback apparatus using mechanically marked tape, e.g. punched paper tape, or using unit records, e.g. punched or magnetically marked cards, G06K; transferring data from one type of record carrier to another G06K1/18 ; printing of data from record carriers G06K3/00 ; arrangements for producing a permanent visual presentation of the output data G06K15/00 ; arrangements or circuits for control of indicating devices using static means to present variable information G09G; coding, decoding or code conversion, in general H03M; circuits for coupling output of reproducer to radio receiver H04B1/20 ; circuits {or arrangements} specially adapted for {pictorial or} television signal recording { H04N1/21 } , H04N5/76 , H04N9/79 ; loudspeakers, microphones, gramophone pick-ups or like acoustic electromechanical transducers or circuits therefor H04R)

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<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
D	G11B27/02	For groups G11B27/022 to G11B27/038 , see provisionally also G11B27/02 , G11B27/029 and G11B27/036	
D	G11B7/00458	Not complete, see also G11B7/0045 and G11B7/005	
D	G11B7/0053	Not complete, see also G11B7/005	
D	G11B7/00736	Not complete, see also G11B7/007 and G11B7/00745	
D	G11B7/0079	Not complete, see also G11B7/007	
D	G11B7/082	Not complete, see also G11B7/22	
D	G11B7/125	For all subgroups of G11B7/125 , see also provisional G11B7/125	
D	G11B7/13	For all subgroups of G11B7/13 , see provisional also G11B7/13	
D	G11B7/135	For all subgroups of G11B7/135 , see provisional also G11B7/135	
D	G11B7/1395	Not complete, see also G11B7/1359 - G11B7/1381	
D	G11B7/265	Not complete, see also G11B7/26	
D	G11B7/266	Not complete, see also G11B7/26	
D	G11B7/268	Not complete, see also G11B7/26	

SUBCLASS G11C - STATIC STORES (information storage based on relative movement between record carrier and transducer G11B; semiconductor devices for storage H01L, e.g. H01L27/108 to H01L27/115 ; pulse technique in general H03K, e.g. electronic switches H03K17/00 ; { using a static store as a picture recording medium H04N5/907 })

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
D	G11C7/02	Not complete; see also G11C7/18 , G11C7/22	
D	G11C7/04	Not complete; see also G11C7/22	
D	G11C7/08	Not complete; see also G11C7/06	

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

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