

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 796

DATE: JANUARY 1, 2020

PROJECT MP0461

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Warnings Deleted:	A61B	5/0062, 5/0295, 5/061, 5/065, 5/40, 5/41, 5/74
	A61K	9/06, 9/08, 9/10, 9/107
	B29C	66/0046, 66/022, 66/024, 66/026, 66/028, 66/721, 66/7212
	B62D	6/10
	D07B	5/005, 5/006, 7/16, 7/169, 7/18, 7/182, 7/185, 7/187
	F16K	17/025
	G04F	7/04
	H01L	24/43, 24/44, 24/47, 27/3211
	H04L	1/20

This Notice of Changes includes the following *[Check the ones included]:*

1. CLASSIFICATION SCHEME CHANGES

- A. New, Modified or Deleted Group(s)
- B. New, Modified or Deleted Warning(s)
- C. New, Modified or Deleted Note(s)
- D. New, Modified or Deleted Guidance Heading(s)

2. DEFINITIONS

- A. New or Modified Definitions (Full definition template)
- B. Modified or Deleted Definitions (Definitions Quick Fix)

3. REVISION CONCORDANCE LIST (RCL)

4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

5. CHANGES TO THE CROSS-REFERENCE LIST (CRL)

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1. CLASSIFICATION SCHEME CHANGES

B. New, Modified or Deleted Warning(s)

SUBCLASS A61B - DIAGNOSIS; SURGERY; IDENTIFICATION (analysing biological material G01N, e.g. G01N33/48; obtaining records using waves other than optical waves, in general G03B42/00)

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
D	A61B5/0062	Group A61B5/0062 and subgroups are not complete pending a reorganisation, see also group A61B5/0059	<u>Delete</u> the entire warning.
D	A61B5/0295	This sub-group is not complete pending the completion of a reclassification; see also groups A61B5/026	<u>Delete</u> the entire warning.
D	A61B5/061	A61B5/061 and subgroups are not complete pending a reorganisation, see also group(s) A61B5/06	<u>Delete</u> the entire warning.
D	A61B5/065	A61B5/065 and subgroups are not complete pending a reorganisation, see also group A61B5/06	<u>Delete</u> the entire warning.
D	A61B5/40	Group A61B5/40 and subgroups are not complete pending a reorganisation, see also groups also groups A61B5/00, A61B5/02, A61B5/0476, A61B5/048, A61B5/145, A61B5/16, A61B5/18 .	<u>Delete</u> the entire warning.
D	A61B5/41	Group A61B5/41 and subgroups are not complete pending a reorganisation, see also groups A61B5/00, A61B5/02, A61B5/04, A61B5/05, A61B5/145 .	<u>Delete</u> the entire warning.
D	A61B5/74	Group A61B5/74 and subgroups are not complete pending a reorganisation; see also other subgroups of A61B5/00	<u>Delete</u> the entire warning.

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SUBCLASS A61K - PREPARATIONS FOR MEDICAL, DENTAL, OR TOILET PURPOSES (devices or methods specially adapted for bringing pharmaceutical products into particular physical or administering forms A61J3/00; chemical aspects of, or use of materials for deodorisation of air, for disinfection or sterilisation, or for bandages, dressings, absorbent pads or surgical articles A61L {; compounds per se C01, C07, C08, C12N;} soap compositions C11D {; microorganisms per se C12N})

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
D	A61K9/06	incomplete, see also A61K9/0012, A61K47/00	<u>Delete</u> the entire warning.
D	A61K9/08	incomplete, see also A61K9/0012, A61K47/00, A61K9/0095	<u>Delete</u> the entire warning.
D	A61K9/10	incomplete, see also A61K9/0012, A61K47/00, A61K9/0095	<u>Delete</u> the entire warning.
D	A61K9/107	incomplete, see also A61K9/0012, A61K47/00, A61K9/0095	<u>Delete</u> the entire warning.

SUBCLASS B29C -SHAPING OR JOINING OF PLASTICS; SHAPING OF MATERIAL IN A PLASTIC STATE, NOT OTHERWISE PROVIDED FOR; AFTER-TREATMENT OF THE SHAPED PRODUCTS, e.g. REPAIRING (making preforms B29B11/00; making laminated products by combining previously unconnected layers which become one product whose layers will remain together B32B37/00 - B32B41/00)

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
D	B29C66/0046	Group B29C66/0046 and subgroups are not complete, pending a reorganisation; see also B29C66/004 and its subgroups	<u>Delete</u> the entire warning.
D	B29C66/022	Subgroups of B29C66/022 are not complete, pending a reorganisation; see also this group	<u>Delete</u> the entire warning.
D	B29C66/024	Subgroups of B29C66/024 are not complete, pending a reorganisation; see also this group	<u>Delete</u> the entire warning.
D	B29C66/026	Not complete, pending a reorganisation; see also B29C66/02	<u>Delete</u> the entire warning.
D	B29C66/028	Not complete, pending a reorganisation; see also B29C66/02	<u>Delete</u> the entire warning.
D	B29C66/721	Subgroups of B29C66/721 are not complete, pending a reorganisation; see also this group	<u>Delete</u> the entire warning.
D	B29C66/7212	Not complete, pending a reorganisation	<u>Delete</u> the entire warning.

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SUBCLASS B62D - MOTOR VEHICLES; TRAILERS (steering, or guiding on a desired track, of agricultural machines or implements A01B69/00; wheels, castors, axles, increasing wheel adhesion B60B; vehicle tyres, tyre inflation or tyre changing B60C; connections between vehicles of a train or the like B60D; vehicles for use on rail and road, amphibious or convertible vehicles B60F; suspension arrangements B60G; heating, cooling, ventilating or other air treating devices B60H; windows, windscreens, non-fixed roofs, doors or similar devices, protective coverings for vehicles not in use B60J; propulsion plant arrangements, auxiliary drives, transmissions, controls, instrumentation or dashboards B60K; electric equipment or propulsion of electrically-propelled vehicles B60L; power supply for electrically-propelled vehicles B60M; passenger accommodation not otherwise provided for B60N; adaptations for load transportation or to carry special loads or objects B60P; arrangement of signalling or lighting devices, the mounting or supporting thereof or circuits therefor, for vehicles in general B60Q; vehicles, vehicle fittings or vehicle parts not otherwise provided for B60R; servicing, cleaning, repairing, supporting, lifting, or manoeuvring, not otherwise provided for, B60S; brake arrangements, brake control systems or parts thereof B60T; air-cushion vehicles B60V; motor-cycles, accessories therefor B62J, B62K; testing of vehicles G01M)

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u> <u>US Comments</u>
D	B62D6/10	Group B62D6/10 is not complete. See also G01L5/22	<u>Delete</u> the entire warning.

SUBCLASS D07B - ROPES OR CABLES IN GENERAL (joining ropes or cables to one another or to other objects B65H69/00, F16G11/00; {mountaineering ropes A63B29/02}; mechanical finishing or dressing of ropes D02J; {braiding D04C}; decorative ropes or cords D04D; suspension cables for bridges E01D19/16; specially adapted for driving, or for being driven by, pulleys or other gearing elements F16G9/00; electric cables or joints insofar as electrical aspects are essential H01B, H01R)

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
D	D07B5/005	Group D07B5/005 is impacted by reclassification into group D07B5/006. Groups D07B5/005 and D07B5/006 should be considered in order to perform a complete search.	<u>Delete</u> the entire warning.
D	D07B5/006	Group D07B5/006 is incomplete pending reclassification of documents from group D07B5/005. Groups D07B5/005 and D07B5/006 should be considered in order to perform a complete search.	<u>Delete</u> the entire warning.
D	D07B7/16	Group D07B7/16 is impacted by reclassification into group D07B7/169. Groups D07B7/16 and D07B7/169 should be considered in order to perform a complete search.	<u>Delete</u> the entire warning.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
D	D07B7/169	Group D07B7/169 is incomplete pending reclassification of documents from group D07B7/16. Groups D07B7/16 and D07B7/169 should be considered in order to perform a complete search.	<u>Delete</u> the entire warning.
D	D07B7/18	Group D07B7/18 is impacted by reclassification into groups D07B7/182, D07B7/185, and D07B7/187. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete</u> the entire warning.
D	D07B7/182	Group D07B7/182 is incomplete pending reclassification of documents from groups D07B7/18. Groups D07B7/18 and D07B7/182 should be considered in order to perform a complete search.	<u>Delete</u> the entire warning.
D	D07B7/185	Group D07B7/185 is incomplete pending reclassification of documents from group D07B7/18. Groups D07B7/18 and D07B7/185 should be considered in order to perform a complete search.	<u>Delete</u> the entire warning.
D	D07B7/187	Group D07B7/187 is incomplete pending reclassification of documents from group D07B7/18. Groups D07B7/18 and D07B7/187 should be considered in order to perform a complete search.	<u>Delete</u> the entire warning.

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SUBCLASS F16K - VALVES; TAPS; COCKS; ACTUATING-FLOATS; DEVICES FOR VENTING OR AERATING {(devices for emptying and evacuating the excess liquid in valves or conduits F16L55/07)}

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
D	F16K17/025	This group is not complete pending a reorganisation, see also F16K17/02	<u>Delete</u> the entire warning.

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</u>	<u>New/Modified Warning</u>
D	G04F7/04	The subgroups of G04F7/04 are not complete pending reclassification; see also this group	<u>Delete</u> the entire warning.

SUBCLASS H01L - SEMICONDUCTOR DEVICES; ELECTRIC SOLID STATE DEVICES NOT OTHERWISE PROVIDED FOR (use of semiconductor devices for measuring G01; resistors in general H01C; magnets, inductors, transformers H01F; capacitors in general H01G; electrolytic devices H01G9/00; batteries, accumulators H01M; waveguides, resonators, or lines of the waveguide type H01P; line connectors, current collectors H01R; stimulated-emission devices H01S; electromechanical resonators H03H; loudspeakers, microphones, gramophone pick-ups or like acoustic electromechanical transducers H04R; electric light sources in general H05B; printed circuits, hybrid circuits, casings or constructional details of electrical apparatus, manufacture of assemblages of electrical components H05K; use of semiconductor devices in circuits having a particular application, see the subclass for the application)

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
D	H01L24/43	Group H01L24/43 is incomplete pending reclassification of documents from groups H01L24/42 and H01L24/85. Groups H01L24/43, H01L24/42, and H01L24/85 should be considered in order to perform a complete search.	<u>Delete</u> the entire warning.
D	H01L24/44	Group H01L24/44 is incomplete pending reclassification of documents from groups H01L24/42 and H01L24/85. Groups H01L24/44 and H01L24/42, H01L24/85 should be considered in order to perform a complete search.	<u>Delete</u> the entire warning.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
D	H01L24/47	Group H01L24/47 is incomplete pending reclassification of documents from groups H01L24/42 and H01L24/85. Groups H01L24/47 and H01L24/42, H01L24/85 should be considered in order to perform a complete search.	<u>Delete</u> the entire warning.
D	H01L27/3211	Groups H01L27/3213 – H01L27/3218 are incomplete pending reclassification of documents from group H01L27/3211. Groups H01L27/3213 – H01L27/3218 and H01L27/3211 should be considered in order to perform a complete search.	<u>Delete</u> the entire warning.

SUBCLASS H04L - TRANSMISSION OF DIGITAL INFORMATION, e.g. TELEGRAPHIC COMMUNICATION (typewriters B41J; order telegraphs, fire or police telegraphs G08B; visual telegraphy G08B, G08C; teleautographic systems G08C; ciphering or deciphering apparatus per se G09C; coding, decoding or code conversion, in general H03M; arrangements common to telegraphic and telephonic communication H04M; selecting H04Q)

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
D	H04L1/20	see G01R29/02	<u>Delete</u> the entire warning.

*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.