

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 729

DATE: AUGUST 1, 2019

PROJECT MP0381

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:	C30B	
	D01D	
	E04F	
	E05D	
	E21C	
	G09G	
	H02J	
Warnings Modified:	A61B	
	A61F	
	A61K	
	A61L	
	A61N	
	A63B	
	B03D	
	B07B	
	B25D	
	B27B	
	B32B	
	B62B	
	B62D	
	B65D	
	B65G	
	B65H	
	C01B	
	C03C	
	C04B	
	C05G	
	C07B	
	C08B	
	C08H	
	C08J	
	C08L	
	C09D	
	C09J	

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<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
	C09K	
	C11D	
	C12N	
	C12R	
	C22B	
	C22C	
	C23C	
	C23F	
	C25B	
	C25D	
	D06N	
	D21H	
	E01D	
	E04G	
	E05B	
	E05C	
	E21B	
	F01L	
	F03C	
	F16B	
	F16K	
	F16L	
	F23C	
	F27B	
	G03C	
	G06M	
	H01H	
	H01L	
	H04L	

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

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

1. CLASSIFICATION SCHEME CHANGES

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

2. DEFINITIONS

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

- 3. REVISION CONCORDANCE LIST (RCL)
- 4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)
- 5. CHANGES TO THE CROSS-REFERENCE LIST (CRL)

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1. CLASSIFICATION SCHEME CHANGES

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

VARIOUS SUBCLASSES

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
M	A61B	<p>The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:</p> <p>A61B5/0295 covered by A61B5/026 A61B5/151 covered by A61B5/1411 A61B5/153 covered by A61B5/1405 A61B5/154 covered by A61B5/1438 A61B5/157 covered by A61B5/00 and s. gr. A61B17/03 covered by A61B17/00 A61B17/125 covered by A61B17/122 A61B17/138 covered by A61B17/12 A61B17/76 covered by A61B17/744 A61B17/78 covered by A61B17/744 A61B17/90 covered by A61B17/88 A61B17/94 covered by A61B17/29</p>	<p>For the following lines:</p> <p><u>Delete line(s)</u>: A61B5/0295 covered by A61B5/026 A61B5/151 covered by A61B5/1411 A61B5/153 covered by A61B5/1405 A61B5/154 covered by A61B5/1438 A61B5/157 covered by A61B5/00 and s. gr.</p> <p><u>Add symbol(s) and comma</u>: A61B17/90 covered by A61B17/88, A61B2017/90</p>
M	A61F	<p>The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:</p> <p>A61F2/48 covered by A61F2/02 A61F2/56 covered by A61F2/54 A61F2/62 covered by A61F2/60 A61F2/74 covered by A61F2/68 A61F5/045 covered by A61G13/12 A61F5/052 covered by A61F5/05 A61F5/447 covered by A61F5/445 A61F5/452 covered by A61F5/451 A61F5/457 covered by A61F5/451 A61F5/458 covered by A61F5/451 A61F6/10 covered by A61F6/08 A61F9/01 covered by A61F9/00802 - A61F9/00825 A61F9/011 covered by A61F9/00802 - A61F9/00825 A61F13/22 covered by A61F13/206 A61F13/24 covered by A61F13/2037 A61F13/30 covered by A61F13/26 A61F13/32 covered by A61F13/26 A61F13/40 covered by A61M35/006</p>	<p>For the following lines:</p> <p><u>Add symbol(s)</u>: A61F2/48 covered by A61F2/02, A61F2002/48 A61F2/74 covered by A61F2/68, A61F2002/74</p> <p><u>Replace symbol(s)</u>: A61F13/24 covered by A61F13/2045</p>

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<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
M	A61K	<p>The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:</p> <p>A61K9/133 covered by A61K9/127 A61K9/18 covered by A61K9/14 A61K9/22 covered by A61K9/20 A61K9/24 covered by A61K9/209 A61K9/26 covered by A61K9/2077, A61K9/2081 A61K9/30 covered by A61K9/28 A61K9/32 covered by A61K9/28 A61K9/34 covered by A61K9/28 A61K9/36 covered by A61K9/28 A61K9/38 covered by A61K9/28 A61K9/40 covered by A61K9/28 A61K9/42 covered by A61K9/28 A61K9/44 covered by A61K9/2072 A61K9/46 covered by A61K9/0007 A61K9/52 covered by A61K9/50 A61K9/54 covered by A61K9/5073, A61K9/5078, A61K9/5084 A61K9/56 covered by A61K9/50 A61K9/58 covered by A61K9/50 A61K9/60 covered by A61K9/50 A61K9/62 covered by A61K9/50 A61K9/64 covered by A61K9/50 A61K9/66 covered by A61K9/48 A61K9/68 covered by A61K9/0058 A61K9/72 covered by A61K9/0073 A61K39/108 covered by A61K39/112 covered by A61K45/08 covered by A61K31/00, A61K47/00 A61K47/04 covered by A61K47/02 A61K50/00 covered by A61K9/0009, C09J9/02</p> <p>The following IPC indexing codes are not in the CPC scheme: A61K101/00 - A61K135/00</p>	<p>For the following lines:</p> <p><u>Add</u> symbol(s) and comma: A61K39/108 covered by A61K 39/0258, A61K 39/0266 A61K39/112 covered by A61K 39/0275, A61K 39/0283</p> <p>Under the following statement: The following IPC indexing codes are not in the CPC scheme: <u>Replace</u> A61K101/00 – A61K135/00 with two lines A61K101/00 – A61K103/00 covered by A61K51/00 – A61K51/1296</p> <p>A61K125/00 – A61K135/00 covered by A61K36/00 – A61K36/9068</p>

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<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
M	A61L	The following IPC groups are not in the CPC system. The subject matter for these IPC groups is classified in the following CPC groups: A61L33/10 covered by A61L33/0011 A61L33/14 covered by A61L33/0011 A61L33/16 covered by A61L33/0047 A61L101/00-A61L101/56 covered by	For the following lines: <u>Replace</u> “system” in The following IPC groups are not in the CPC system. with “scheme”. <u>Replace</u> symbols: A61L101/00-A61L101/56 covered by with A61L101/00 - A61L101/56 covered by A61L2300/00 - A61L2300/802
M	A61N	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: A61N1/34 covered by A61N1/36021, A61N1/36071 A61N2/04 covered by A61N2/02 A61N5/067 covered by A61N5/06 A61N5/08 covered by A61N5/06 A61N2/08 covered by A61N2/06 A61N2/10 covered by A61N2/06 A61N5/073 covered by A61N5/06, A61N2005/073	For the following lines: <u>Delete</u> line(s): A61N5/067 covered by A61N5/06 <u>Add</u> symbol(s) and comma: A61N5/067 covered by A61N5/06, A61N2005/067 <u>Move</u> to bottom of list: A61N5/08 covered by A61N5/06
M	A63B	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: A63B7/06 covered by A63G1/00 A63B21/075 covered by A63B21/072 A63B22/10 covered by A63B22/0605 in combination with A63B22/0002 A63B22/12 covered by A63B22/0605 in combination with A63B22/001 A63B22/08 covered by A63B29/04 covered by A63B29/00 A63B31/16 covered by A63B31/14 - A63B31/18 A63B63/02 covered by A63B63/00 A63B63/04 covered by A63B63/00 A63B69/22 covered by A63B69/20 A63B69/28 covered by A63B69/20 A63B69/30 covered by A63B69/20 A63B71/16 covered by A63B71/14 - A63B71/148	For the following lines: <u>Replace</u> line: A63B21/075 covered by A63B21/072 with A63B22/08 covered by A63B22/0605 <u>Delete</u> “in combination with” and <u>Add</u> comma: A63B22/10 covered by A63B22/0605 in combination with A63B22/0002 A63B22/12 covered by A63B22/0605 in combination with A63B22/001 <u>Delete</u> line: A63B22/08 covered by
M	B03D	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: B03D101/00-B03D103/10 covered by	For the following lines: <u>Add</u> symbol(s): B03D101/00 - B03D103/10 covered by B03D2201/00 - B03D2203/10

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M	B07B	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: B07B1/32 covered by	For the following lines: <u>Add</u> symbol(s): B07B1/32 covered by B07B1/30
M	B25D	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: B25D13/00 covered by B25D11/064 B25D15/00 covered by B25D11/066 B25D15/02 covered by B25D11/068 B25D17/10 covered by B25D17/00, F16P B25D17/14 covered by B23Q11/0042 B25D17/16 covered by B23Q11/0042 B25D17/18 covered by B23Q11/0042	For the following lines: <u>Delete</u> F16P and comma in line: B25D17/10 covered by B25D17/00, F16P
M	B27B	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: B27B33/18 covered by	For the following lines: <u>Add</u> symbol(s): B27B33/18 covered by B27B5/12
M	B32B	The following IPC are not in the CPC scheme The subject matter for these IPCs groups is classified in the following CPC groups B32B1/04 covered by B32B3/02 – B32B3/08 B32B1/06 covered by B32B13/02 B32B3/08 - B32B3/22 covered by B32B3/08 -B32B3/22 B32B3/24 covered by B32B3/266 B32B5/28 covered by B32B2260/021 - B32B2260/023 B32B17/02 covered by B32B2262/101 B32B17/04 covered by B32B2262/101 and B32B2260/04 B32B17/12 covered by B32B17/067 B32B23/02 covered by B32B2262/04 and B32B5/02 - B32B5/12 B32B27/02 covered by B32B2262/02 - B32B2262/0292 and B32B5/02 - B32B5/12 B32B27/04 covered by B32B2260/048	For the following lines: <u>Add</u> “groups” as shown in the 1 st sentence. In the 2 nd sentence, <u>replace</u> “IPCs” with “IPC” and a colon the end. The following IPC groups are not in the CPC scheme. The subject matter for these IPCs groups is classified in the following CPC groups <u>Delete</u> line(s): B32B1/04 covered by B32B3/02 – B32B3/08 B32B1/06 covered by B32B13/02 B32B3/08 - B32B3/22 covered by B32B3/08 -B32B3/22 B32B5/28 covered by B32B2260/021 - B32B2260/023 B32B17/02 covered by B32B2262/101 B32B17/04 covered by B32B2262/101 and B32B2260/04 B32B23/02 covered by B32B2262/04 and B32B5/02 - B32B5/12

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			B32B27/02 covered by B32B2262/02 - B32B2262/0292 and B32B5/02 - B32B5/12 B32B27/04 covered by B32B2260/048
M	B62B	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: B62B3/065 covered by	For the following lines: <u>Add symbol(s):</u> B62B3/065 covered by B62B 3/0618
M	B62D	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: B62D25/13 covered by B60J1/20, B60R13/07 B62D25/22 covered by B60R3/00 B62D65/08 covered by B60J10/45 B62D101/00-B62D137/00 covered by	For the following lines: <u>Add symbol(s):</u> B62D101/00 - B62D137/00 covered by B62D6/00 – B62D6/008
M	B65D	The following IPC groups are not used in the CPC scheme. Subject matter covered by these groups is classified in the following CPC groups: B65D5/34 covered by B65D5/325 B65D5/35 covered by B65D5/32 B65D5/355 covered by B65D5/0005 B65D5/43 covered by B65D5/42 B65D5/462 covered by B65D5/46008 - B65D5/46032 B65D5/465 covered by B65D5/46008 - B65D5/46032 B65D5/468 covered by B65D5/4608 B65D5/472 covered by B65D5/46048 B65D5/475 covered by B65D5/46008 B65D5/478 covered by B65D5/46056 B65D5/4805 - B65D5/489 covered by B65D5/48002 B65D5/49 - B65D5/499 covered by B65D5/48024 B65D5/63 covered by B65D5/72 B65D6/00 - B65D6/40 covered by B65D7/00, B65D9/00, B65D11/00, B65D15/00 B65D8/00 - B65D8/22 covered by B65D7/00, B65D9/00, B65D11/00, B65D15/00 B65D19/22 covered by B65D19/0004 B65D19/24 covered by B65D19/0004 B65D19/26 covered by B65D19/0004 B65D19/28 covered by B65D19/0004 B65D19/30 covered by B65D19/0004 B65D19/31 covered by B65D19/0004	For the following lines: <u>Replace</u> “The following IPC groups are not used in the CPC scheme. Subject matter covered by these groups is classified in the following CPC groups:” with The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: <u>Delete line(s):</u> B65D50/06 covered by B65D55/02 B65D83/18 covered by B65D83/201 <u>Replace three lines:</u> B65D5/35 covered by B65D5/32 with B65D5/35 covered by B65D5/325 B65D21/032 covered by B65D21/0211 with B65D21/032 covered by B65D21/0209 B65D83/18 - B65D83/74 covered by B65D83/14, B65D83/16 with B65D83/18 covered by B65D83/201, B65D83/206

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		B65D19/34 covered by B65D19/0004 B65D19/32 covered by B65D19/0002, B65D19/0004 B65D21/024 covered by B65D21/0201 B65D21/028 covered by B65D21/0204 B65D21/032 covered by B65D21/0211 B65D21/036 covered by B65D21/0217 B65D25/26 covered by B65D81/02 B65D30/00 - B65D30/28 covered by B65D29/00, B65D31/00 B65D33/17 covered by B65D33/1633 B65D33/36 covered by B65D75/58 B65D33/38 covered by B65D75/5861 B65D35/48 - B65D35/54 covered by B65D47/2018 B65D39/18 covered by B65D39/00 B65D41/01 covered by B65D41/00 B65D43/03 covered by B65D43/00 + B65D2543/00027 B65D47/22 covered by B65D47/20 B65D47/34 covered by B05B11/00 B65D50/06 covered by B65D55/02 B65D50/08 covered by B65D55/02 B65D50/10 covered by B65D55/02 B65D50/12 covered by B65D55/02 B65D50/14 covered by B65D55/02 B65D65/26 - B65D65/32 covered by B65D75/58 B65D65/34 covered by B65D75/66 B65D65/36 covered by B65D75/58 B65D71/52 - B65D71/68 covered by B65D71/0003 - B65D71/0077 B65D75/60 - B65D75/64 covered by B65D75/58 B65D81/15 covered by B65D81/05 B65D81/17 covered by B65D81/02 B65D83/18 - B65D83/74 covered by B65D83/14, B65D83/16 B65D83/18 covered by B65D83/201 B65D83/58 covered by B65D83/44 B65D83/76 covered by B65D83/0005 B65D85/57 covered by G11B23/00 B65D85/575 covered by G11B23/00 B65D85/86 - B65D85/90 covered by H01L21/00, H05K13/00	<u>Move</u> line to correct order: B65D19/34 covered by B65D19/0004 <u>Add</u> new line(s): B65D43/04 covered by B65D43/0214 B65D43/10 covered by B65D43/0204
M	B65G	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following groups: B65G33/28 covered by B65G33/265 B65G47/10 covered by B65G1/1373	For the following lines: <u>Delete</u> line(s): B65G33/28 covered by B65G33/265 B65G49/07 covered by H01L21/677

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		B65G47/86 covered by B65G47/842, B65G47/847 B65G49/07 covered by H01L21/677 B65G69/32 covered by B65G69/28 B65G69/34 covered by B65G69/28	
M	B65H	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: B65H19/16 covered by B65H35/07 covered by B65H35/0006 B65H77/00 covered by B65H23/00, B65H59/00 B65H83/00, B65H83/02 covered by B07C1/025, G07D11/00 and s.gr B65H85/00 covered by G03B27/62, G03B27/6264, G03B27/6257	For the following lines: <u>Add symbol(s):</u> B65H19/16 covered by B65H19/1889 <u>Delete line(s):</u> B65H83/00, B65H83/02 covered by B07C1/025, G07D11/00 and s.gr B65H85/00 covered by G03B27/62, G03B27/6264, G03B27/6257
M	C01B	The following IPC groups are not in the CPC system. The subject matter for these IPC groups is classified in the following CPC groups: C01B31/16 covered by B01J39/24, B01J41/18 C01B35/16, C01B35/18 covered by C01B35/00 + s.gr.	For the following lines: <u>Replace</u> “system” in The following IPC groups are not in the CPC system. with “scheme”. <u>Delete line(s):</u> C01B31/16 covered by B01J39/24, B01J41/18 <u>Replace line:</u> C01B35/16, C01B35/18 covered by C01B35/00 + s.gr. with C01B35/16, C01B35/18 covered by C01B35/02 - C01B35/146
M	C03C	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: C03C6/00 covered by C03C1/00 C03C6/02-C03C6/10 covered by C03C10/02 - C03C10/14 covered by C03C10/00 C03C13/02 covered by C03C13/00 C03C27/12 covered by B32B17/00	For the following lines: <u>Replace</u> the two lines: C03C6/00 covered by C03C1/00 C03C6/02-C03C6/10 covered by with C03C6/00 - C03C6/10 covered by C03C1/00 - C03C1/105

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<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
M	C04B	<p>The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:</p> <p>C04B5/02 covered by B01J2/00, C21B3/06 C04B28/20, C04B28/22 covered by C04B28/18, C04B28/182, C04B28/184, C04B28/186, C04B28/188 C04B35/035 covered by C04B35/26, C04B35/2608, C04B35/2616, C04B35/2625, C04B35/2633, C04B35/2641, C04B35/265, C04B35/2658, C04B35/2666, C04B35/2675, C04B35/2683, C04B35/2691 C04B35/28-C04B35/40 covered by</p> <p>C04B35/567, C04B35/569, C04B35/576, C04B35/577 covered by C04B35/565, C04B35/571, C04B35/573, C04B35/575, C04B35/5755, C04B35/806</p> <p>C04B35/582 covered by C04B35/581, C04B35/806 C04B35/5833, C04B35/5835 covered by C04B35/583, C04B35/806 C04B35/586, C04B35/587, C04B35/594, C04B35/596 covered by C04B35/584, C04B35/589, C04B35/591, C04B35/593, C04B35/5935, C04B35/806 C04B35/599 covered by C04B35/597 C04B35/81 covered by C04B35/78 C04B35/84 covered by C04B35/628, C04B35/78</p>	<p>For the following lines:</p> <p><u>Delete</u> line: C04B35/28-C04B35/40 covered by</p> <p><u>Delete</u> symbols C04B35/573 & C04B35/575 in</p> <p>C04B35/567, C04B35/569, C04B35/576 , C04B35/577 covered by C04B35/565, C04B35/571, C04B35/573, C04B35/575, C04B35/5755, C04B35/806</p> <p><u>Delete</u> symbol C04B35/587 in:</p> <p>C04B35/586, C04B35/587, C04B35/594, C04B35/596 covered by C04B35/584, C04B35/589, C04B35/591, C04B35/593, C04B35/5935, C04B35/806</p> <p><u>Add</u> line(s): C04B35/28 covered by C04B35/26 C04B35/30 covered by C04B35/26 C04B35/32 covered by C04B35/26 C04B35/34 covered by C04B35/26 C04B35/36 covered by C04B35/26 C04B35/38 covered by C04B35/26 C04B35/40 covered by C04B35/2608, C04B35/2641, C04B35/2675</p>
M	C05G	<p>The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups (see internal note after the title of class C05):C05G1/02 - C05G1/10 covered by C05 C05G3/10 covered by C05G3/0088 C05G5/00 covered by C05G3/0005</p>	<p>For the following lines:</p> <p><u>Delete</u> the following text from the 2nd sentence: (see internal note after the title of class C05):C05G1/02 - C05G1/10 covered by C05</p> <p><u>Add</u> line(s): C05G1/02 - C05G1/10 covered by C05B1/00 - C05B19/02, C05C1/00 - C05C11/00, C05D1/00 - C05D9/02, C05F1/00 - C05F17/0294</p>

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M	C07B	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: C07B60/00 covered by	For the following lines: <u>Replace</u> “The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:” with “The following IPC group is not in the CPC scheme. The subject matter for this IPC group is classified in the following CPC group:” <u>Add</u> symbol(s): C07B60/00 covered by C07B61/02
M	C08B	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: C08B37/02 covered by C08B37/04 covered by C08B37/06 covered by C08B37/0045 C08B37/08 covered by C08B37/10 covered by C08B37/0075 C08B37/12 covered by C08B37/0039 C08B37/16 covered by	For the following lines: <u>Add</u> symbol(s) and text: C08B37/02 covered by C08B37/0021 C08B37/04 covered by C08B37/0084 C08B37/08 covered by C08B37/003 (chitin), C08B37/0072 (hyaluronic acid) and C08B37/0069 (chondroitin sulfate) C08B37/16 covered by C08B37/0012 <u>Delete</u> line(s): C08B37/12 covered by C08B37/0039
M	C08H	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: C08H7/00 covered by	For the following lines: <u>Add</u> symbol(s): C08H7/00 covered by C08H6/00
M	C08J	The following IPC groups are not in the CPC system. The subject matter for these IPC groups is classified in the following CPC groups: C08J5/14 covered by B24D3/20, F16D69/02 C08J5/16 covered by C10M	For the following lines: <u>Replace</u> “system” in The following IPC groups are not in the CPC system. with “scheme”. <u>Replace</u> line(s): C08J5/14 covered by B24D3/20, F16D69/02 with C08J5/14 covered by B24D3/22, B24D3/28, F16D69/02 <u>Replace</u> line(s): C08J5/16 covered by C10M with C08J5/16 covered by C10N2250/18

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M	C08L	<p>The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: C08L61/08-C08L61/10 covered by C08L63/02 covered by C08L83/05 covered by C08L83/07 covered by</p>	<p>For the following lines:</p> <p><u>Replace</u> line(s): C08L61/08-C08L61/10 covered by with C08L61/08 - C08L61/10 covered by C08L61/06</p> <p><u>Add</u> symbol(s): C08L63/02 covered by C08L63/00 C08L83/05 covered by C08L83/04 C08L83/07 covered by C08L83/04</p>
M	C09D	<p>The following IPC groups are not in the CPC system. The subject matter for these IPC groups is classified in the following CPC groups: C09D4/02 covered by C09D4/00, C08F220/00 C09D4/04 covered by C09D4/00, C08F222/00 C09D5/23 covered by H01F41/16 C09D5/25 covered by H01B3/308 C09D5/33 covered by C09D5/004 C09D5/46 covered by C09D5/03 C09D161/08, C09D161/10 covered by C09D161/06 C09D163/02 covered by C09D163/00 C09D171/08 covered by C09D171/02 C09D171/10 covered by C09D171/12 C09D183/05 covered by C09D183/04 C09D183/07 covered by C09D183/04, C09D183/06</p>	<p>For the following lines:</p> <p><u>Replace</u> “system” in The following IPC groups are not in the CPC system. with “scheme”.</p> <p><u>Delete</u> symbol(s) C08F220/00 and C08F222/00 from the following lines and comma: C09D4/02 covered by C09D4/00, C08F220/00 C09D4/04 covered by C09D4/00, C08F222/00</p> <p><u>Delete</u> line(s): C09D5/23 covered by H01F41/16 C09D171/08 covered by C09D171/02 C09D171/10 covered by C09D171/12</p>
M	C09J	<p>The following IPC group is not in the CPC system: The subject matter for these IPC groups is classified in the following CPC group: C09J4/02 covered by C09J4/04 covered by C09J161/08 covered by C09J163/02 covered by C09J163/00 C09J183/05 covered by C09J183/07 covered by</p>	<p>For the following lines:</p> <p><u>Replace</u> “system” in The following IPC groups are not in the CPC system. with “scheme”.</p> <p><u>Add</u> symbol(s): C09J4/02 covered by C09J4/00 C09J4/04 covered by C09J4/00</p> <p>C09J161/08 - C09J161/10 covered by C09J161/06</p> <p>C09J183/05 covered by C09J183/04 C09J183/07 covered by C09J183/04</p>

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M	C09K	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: C09K11/78-C09K11/86 covered by	For the following lines: <u>Add symbol(s):</u> C09K11/78 - C09K11/86 covered by C09K11/77 - C09K11/7798, C09K11/87, C09K11/88, C09K11/89
M	C11D	The following IPC groups are not in the CPC system. The subject matter for these IPC groups is classified in the following CPC groups: C11D1/68 covered by C11D3/2003 C11D1/70 covered by C11D3/2003 C11D3/44 covered by C11D3/43 C11D3/46 covered by C11D3/2079, C11D9/48 C11D3/60 covered by C11D3/00 C11D7/18 covered by C11D3/39 C11D7/38 covered by C11D3/39 C11D7/42 covered by C11D3/386 C11D7/52 covered by C11D7/50 C11D7/54 covered by C11D3/395 C11D7/56 covered by C11D3/395 C11D7/60 covered by C11D7/00 C11D9/20 covered by partly covered by C11D9/444 C11D9/50 covered by C11D3/48 C11D9/60 covered by C11D9/00 C11D10/02 covered by C11D3/00 C11D10/06 covered by C11D9/00	For the following lines: <u>Replace</u> “system” in The following IPC groups are not in the CPC system. with “scheme”. <u>Delete line(s):</u> C11D9/20 covered by partly covered by C11D9/444
M	C12N	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: C12N1/11 covered by C12N15/79 C12N1/13 covered by C12N15/79 C12N1/15 covered by C12N15/80 C12N1/19 covered by C12N15/81 C12N1/21 covered by C12N15/74 C12N5/02 covered by C12N5/00, C12N5/04 - C12N5/166 C12N5/07 - C12N5/095 covered by C12N5/06 and subgroups C12N5/18 - C12N5/28 covered by C12N5/16 and subgroups C12N5/18 covered by C12N5/16 C12N5/20 covered by C12N5/163 C12N5/22 covered by C12N5/16 C12N5/24 covered by C12N5/163 C12N5/26 covered by C12N5/166 C12N5/28 covered by C12N5/166 C12N7/01 covered by C12N7/00	For the following lines: <u>Replace</u> the following lines: C12N5/02 covered by C12N5/00, C12N5/04 - C12N5/166 with C12N5/02 covered by C12N5/0006, C12N5/04 - C12N5/166 C12N5/07 - C12N5/095 covered by C12N5/06 and subgroups with C12N5/07 - C12N5/095 covered by C12N5/06 C12N15/53 covered by C12N9/02 with C12N15/53 covered by C12N9/0004 <u>Delete line(s):</u> C12N5/18 - C12N5/28 covered by C12N5/16 and subgroups

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		C12N9/02-C12N9/08 covered by C12N9/26 covered by C12N9/2408 C12N9/28-C12N9/30 covered by C12N9/32 covered by C12N9/34 covered by C12N9/36 covered by C12N9/38 covered by C12N9/2468 C12N9/40 covered by C12N9/42 covered by C12N9/2434 C12N9/44 covered by C12N9/2451 C12N9/46 covered by C12N9/56 covered by C12N9/66 covered by C12N9/68 covered by C12N9/70 covered by C07K14/3153 C12N9/72 covered by C12N9/74 covered by C12N9/76 covered by C12N15/05 covered by C12N5/14 C12N15/06 covered by C12N5/16 C12N15/07 covered by C12N5/16 C12N15/08 covered by C12N5/166 C12N15/12 covered by C07K14/435 C12N15/13 covered by C07K16/00 C12N15/14 covered by C07K14/765 C12N15/15 covered by C07K14/81 C12N15/16 covered by C07K14/575 C12N15/17 covered by C07K14/62 C12N15/18 covered by C07K14/61 C12N15/19 covered by C07K14/52 C12N15/20 covered by C07K14/555 C12N15/21 covered by C07K14/56 C12N15/22 covered by C07K14/565 C12N15/23 covered by C07K14/57 C12N15/24 covered by C07K14/54 C12N15/25 covered by C07K14/545 C12N15/26 covered by C07K14/55 C12N15/27 covered by C07K14/53 C12N15/28 covered by C07K14/525 C12N15/29 covered by C07K14/415 C12N15/30 covered by C07K14/44 C12N15/31 covered by C07K14/195, C07K14/005 C12N15/32 covered by C07K14/325 C12N15/33 covered by C07K14/005 C12N15/34 covered by C07K14/01 C12N15/35 covered by C07K14/015 C12N15/36 covered by C07K14/02 C12N15/37 covered by C07K14/025 C12N15/38 covered by C07K14/03 C12N15/39 covered by C07K14/065 C12N15/40 covered by C07K14/08	<u>Add symbol(s):</u> C12N9/02 - C12N9/08 covered by C12N9/0004 C12N9/28 - C12N9/30 covered by C12N9/2414 - C12N9/242 C12N9/32 covered by C12N9/2422 C12N9/34 covered by C12N9/2428 C12N9/36 covered by C12N9/2462 C12N9/38 covered by C12N9/2468 C12N9/40 covered by C12N9/2465 C12N9/46 covered by C12N9/2454 C12N9/56 covered by C12N9/54 C12N9/66 covered by C12N9/6448 C12N9/68 covered by C12N9/6435 C12N9/72 covered by C12N9/6462 C12N9/74 covered by C12N9/6429 C12N9/76 covered by C12N9/6427

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		<p>C12N15/41 covered by C07K14/085 C12N15/42 covered by C07K14/09 C12N15/43 covered by C07K14/105 C12N15/44 covered by C07K14/11 C12N15/45 covered by C07K14/115 C12N15/46 covered by C07K14/14 C12N15/47 covered by C07K14/145 C12N15/48 covered by C07K14/15 C12N15/49 covered by C07K14/155 C12N15/50 covered by C07K14/165 C12N15/51 covered by C07K14/02, C07K14/10, C07K14/18 C12N15/53 covered by C12N9/02 C12N15/54 covered by C12N9/10 C12N15/55 covered by C12N9/14 C12N15/56 covered by C12N9/24 C12N15/57 covered by C12N9/48 C12N15/58 covered by C12N9/6456 C12N15/59 covered by C12N9/6483 C12N15/60 covered by C12N9/88 C12N15/61 covered by C12N9/90 C12N15/83 covered by C12N15/82 C12N15/84 covered by C12N15/82</p>	
M	C12R	<p>The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: C12R1/92-C12R1/94 covered by</p>	<p>For the following lines: <u>Replace</u> “The following IPC groups are not in the CPC scheme.” with “The following IPC indexing groups are not in the CPC scheme.” <u>Add symbol(s):</u> C12R1/92-C12R1/94 covered by C12R 1/91, C12N2710/00 - C12N2795/00</p>
M	C22B	<p>The following IPC groups are not in the CPC system. The subject matter for these IPC groups is classified in the following CPC groups: C22B3/26 - C22B3/40 covered by C22B3/0005 C22B9/187 covered by C22B9/193 covered by C22B9/21 covered by C22B15/02-C22B15/14 covered by</p>	<p>For the following lines: <u>Replace</u> “system” in The following IPC groups are not in the CPC system. with “scheme”. <u>Replace</u> the following line(s): C22B9/187 covered by C22B9/193 covered by with C22B9/187 - C22B9/193 covered by C22B9/18 C22B9/21 covered by C22B15/02-C22B15/14 covered by</p>

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			with C22B9/21 covered by C22B9/20 C22B15/02 covered by C22B15/0032 C22B15/04 covered by C22B15/0036 C22B15/06 covered by C22B15/0041, C22B15/0043 C22B15/14 covered by C22B15/006
M	C22C	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: C22C101/00-C22C101/22 covered by C22C111/00-C22C111/02 covered by C22C121/00-C22C121/02 covered by	For the following lines: <u>Replace</u> the following line(s): C22C101/00-C22C101/22 covered by with C22C101/00, C22C101/20 covered by C04B35/62227 C22C101/02 covered by C04B35/62231 C22C101/04 covered by C04B35/62236 C22C101/06 covered by C04B35/62245 C22C101/08 covered by C04B35/62272 C22C101/10 covered by D01F9/12 C22C101/12 covered by C04B35/62277 C22C101/14 covered by C04B35/62281 C22C101/16 covered by C04B35/62286 C22C101/18 covered by C04B35/62295 C22C101/22 covered by C04B35/6229 <u>Add</u> symbol(s)and spaces at “-“: C22C111/00 - C22C111/02 covered by C22C47/00, C22C49/00 C22C121/00 - C22C121/02 covered by C22C47/02 - C22C47/068, C22C49/00
M	C23C	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: C23C14/36 - C23C14/44 covered by C23C14/34 and subgroups. C23C18/28 covered by C23C18/2006 - C23C18/2093	For the following lines: <u>Replace</u> the following line(s): C23C14/36 - C23C14/44 covered by C23C14/34 and subgroups. with C23C14/36 - C23C14/44 covered by C23C14/34 - C23C14/358 <u>Delete</u> line(s): C23C18/28 covered by C23C18/2006 - C23C18/2093
M	C23F	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: C23F1/24 covered by	For the following lines: <u>Replace</u> the following line(s): The subject matter for these IPC groups is classified in the following CPC groups: with

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			The subject matter for this IPC group is classified in the following CPC groups: <u>Add</u> symbol(s): C23F1/24 covered by C09K13/00, H01L21/00
M	C25B	The following IPC groups are not in the CPC system. The subject matter for these IPC groups is classified in the following CPC groups: C25B11/06 covered by B01J, C25B11/0442 C25B11/08 covered by B01J, C25B11/0442 C25B11/10 covered by C25B11/0442	For the following lines: <u>Replace</u> “system” in The following IPC groups are not in the CPC system. with “scheme”. <u>Replace</u> the following line(s): C25B11/06 covered by B01J, C25B11/0442 C25B11/08 covered by B01J, C25B11/0442 with C25B11/06 covered by C25B11/0442 C25B11/08 covered by C25B11/0473
M	C25D	The following IPC groups are not in the CPC system. The subject matter for these IPC groups is classified in the following CPC groups : C25D2/00 covered by C25D5/24 covered by C25D5/34 C25D5/26 covered by C25D5/36 C25D5/28 covered by C25D5/38 C25D5/30 covered by C25D5/42, C25D5/44 C25D5/32 covered by C25D5/46 C25D13/06 covered by C09D5/44 C25D13/08 covered by C09D5/4476 C25D13/10 covered by C09D5/448 C25D19/00 covered by C25D17/00	For the following lines: <u>Replace</u> “system” in The following IPC groups are not in the CPC system. with “scheme”. <u>Add</u> symbol(s): C25D2/00 covered by B23K28/006 <u>Delete</u> line(s): C25D13/06 covered by C09D5/44 C25D13/08 covered by C09D5/4476 C25D13/10 covered by C09D5/448
D	C30B	The following IPC groups are not in the CPC system. The subject matter for these IPC groups is classified in the following CPC groups: C30B29/64, C30B29/66 covered by C30B29/60	<u>Delete</u> the existing Warnings 1.
D	D01D	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: D01D5/10 covered by D01D5/08 and subgroups	<u>Delete</u> the existing Warnings 1.
M	D06N	The following IPC groups are not in the CPC scheme. The subject matter for these	For the following lines:

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		IPC groups is classified in the following CPC groups: D06N7/02 covered by D06M, D06N D06N7/04 covered by D06M, D06N D06N7/06 covered by D06M, D06N	<u>Replace</u> the following line(s): D06N7/02 covered by D06M, D06N D06N7/04 covered by D06M, D06N D06N7/06 covered by D06M, D06N with D06N7/02 covered by D06N 7/0002 – D06N 7/0097 D06N7/04 covered by D06N 7/0002 – D06N 7/0097 D06N7/06 covered by D06N 7/0002 – D06N 7/0097
M	D21H	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: D21H27/12 covered by	For the following lines: <u>Replace</u> the following line(s): The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: with The following IPC group is not in the CPC scheme. The subject matter for this IPC group is classified in the following CPC groups: <u>Add</u> symbol(s): D21H27/12 covered by D21H27/00, H01B3/52
M	E01D	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: E01D24/00 covered by	For the following lines: <u>Add</u> symbol(s): E01D24/00 covered by E01D22/00
D	E04F	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: E04F11/09 covered by E04F11/02 E04F11/17 covered by E04F11/16	<u>Delete</u> the existing Warnings 1.
M	E04G	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: E04G23/03 covered by	For the following lines: <u>Add</u> symbol(s): E04G23/03 covered by E04G23/0266
M	E05B	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:	For the following lines: <u>Replace</u> the following line(s): E05B1/02-E05B9/06 covered by with E05B1/02 covered by E05B1/00 E05B5/02 covered by E05B5/003

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		<p>E05B1/02-E05B9/06 covered by E05B13/02-E05B13/08 covered by E05B15/12 covered by E05B17/02 covered by E05B19/02 covered by E05B19/06-E05B19/08 covered by E05B19/10-E05B19/12 covered by E05B19/16 covered by E05B21/02-E05B21/04 covered by E05B25/00-E05B25/10 covered by E05B27/04-E05B27/06 covered by E05B29/02-E05B29/14 covered by E05B35/04 covered by E05B37/06 covered by E05B37/18 covered by E05B37/22 covered by E05B45/14 covered by E05B47/04 covered by E05B47/08 covered by E05B49/02-E05B49/04 covered by E05B55/02 covered by E05B55/04 covered by E05B55/08 covered by E05B55/10 covered by E05B55/14-E05B55/16 covered by E05B59/02-E05B59/06 covered by E05B65/04 covered by E05B67/12 covered by E05B67/16 covered by E05B67/20 covered by E05B67/30 covered by E05B67/34 covered by E05B71/02 covered by</p>	<p>E05B5/04 covered by E05B5/003 E05B9/06 covered by E05B9/00- E05B9/048</p> <p>E05B13/02-E05B13/08 covered by with E05B13/02 covered by E05B11/00, E05B15/08 and E05B17/14 E05B13/06 covered by E05B11/00, E05B13/04 and E05B17/14 E05B13/08 covered by E05B13/00</p> <p>E05B19/06-E05B19/08 covered by with E05B19/06 covered by E05B19/00 E05B19/08 covered by E05B19/0017, E05B19/14, E05B35/003 and E05B35/14</p> <p>E05B19/10-E05B19/12 covered by with E05B19/10 covered by E05B19/04 E05B19/12 covered by E05B35/003</p> <p>E05B21/02-E05B21/04 covered by with E05B21/02 covered by E05B21/00 E05B21/04 covered by E05B21/00</p> <p>E05B59/02-E05B59/06 covered by with E05B59/02-E05B59/04 covered by E05B59/00 E05B59/06 covered by E05B15/102</p> <p><u>Add symbol(s) and spaces at “-“:</u> E05B15/12 covered by E05B17/2007 E05B17/02 covered by E05C7/02 E05B19/02 covered by E05B19/00 E05B19/16 covered by E05B35/007, E05B27/0028 and E05B29/0006 E05B25/00 - E05B25/10 covered by E05B21/00 and E05B23/00 E05B27/04 - E05B27/06 covered by E05B27/0003 - E05B27/0096 E05B29/02 - E05B29/14 covered by E05B29/0006 - E05B29/0093 E05B35/04 covered by E05B35/00 E05B37/06 covered by E05B37/04 and E05B67/00 E05B37/18 covered by E05B37/16 and E05B67/00</p>

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			<p>E05B37/22 covered by E05B37/20 and E05B67/00</p> <p>E05B45/14 covered by E05B45/06</p> <p>E05B47/04 covered by E05B47/02</p> <p>E05B47/08 covered by E05B47/06 and E05B15/101</p> <p>E05B49/02 - E05B49/04 covered by G07C9/00</p> <p>E05B55/02 covered by E05B55/00</p> <p>E05B55/04 covered by E05B55/00 and E05B13/00</p> <p>E05B55/08 covered by E05B55/06</p> <p>E05B55/10 covered by E05B55/06</p> <p>E05B55/14 - E05B55/16 covered by E05B55/00</p> <p>E05B65/04 covered by E05C7/02</p> <p>E05B67/12 covered by E05B67/10</p> <p>E05B67/16 covered by E05B67/14</p> <p>E05B67/20 covered by E05B67/18</p> <p>E05B67/30 covered by E05B67/28</p> <p>E05B67/34 covered by E05B67/32</p> <p>E05B71/02 covered by E05B71/00 and E05B37/00</p>
M	E05C	<p>The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:</p> <p>E05C3/32 covered by</p> <p>E05C17/06 covered by</p> <p>E05C17/10 covered by</p> <p>E05C21/02 covered by</p>	<p>For the following lines:</p> <p><u>Add symbol(s):</u></p> <p>E05C3/32 covered by E05C3/30</p> <p>E05C17/06 covered by E05C17/04</p> <p>E05C17/10 covered by E05C17/04</p> <p>E05C21/02 covered by E05C21/00</p>
D	E05D	<p>The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:</p> <p>E05D5/16 covered by E05D5/14</p> <p>E05D7/081 covered by E05D7/08</p> <p>E05D7/083 covered by E05D7/082</p> <p>E05D15/04 covered by E05D15/02, E05D15/28, E05D15/403</p> <p>E05D15/522 covered by E05D15/52</p> <p>E05D15/523 covered by E05D15/52</p> <p>E05D15/524 covered by E05D15/52</p>	<p><u>Delete</u> the existing Warnings 1.</p>
M	E21B	<p>The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:</p> <p>E21B1/12 - E21B1/38 covered by E21B1/00</p> <p>E21B7/08 covered by E21B7/06</p> <p>E21B11/04 covered by E21B27/00</p> <p>E21B23/12 covered by E21B23/002</p>	<p>For the following lines:</p> <p><u>Add symbol(s) and spaces at “-“:</u></p> <p>E21B43/27 covered by E21B43/26</p> <p>E21B47/0224 - E21B47/0236 covered by E21B47/02208 - E21B47/02232</p> <p>E21B47/047 - E21B47/053 covered by E21B47/042 - E21B47/044</p> <p>E21B47/07 covered by E21B47/065</p>

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		<p>E21B31/08 covered by E21B27/00 E21B43/22 covered by C09K8/58 E21B43/27 covered by E21B47/001-E21B47/009 covered by E21B47/013-E21B47/017 covered by E21B47/0224-E21B47/0236 covered by E21B47/047-E21B47/053 covered by E21B47/07 covered by E21B47/085 covered by E21B47/092-E21B47/098 covered by E21B47/103-E21B47/117 covered by E21B47/125-E21B47/135 covered by E21B47/20-E21B47/24 covered by E21B47/26 covered by</p>	<p>E21B47/085 covered by E21B47/082 E21B47/092 - E21B47/098 covered by E21B47/0905 - E21B47/0915 E21B47/103 - E21B47/117 covered by E21B47/1005 - E21B47/1025 E21B47/125 - E21B47/135 covered by E21B47/121 - E21B47/123 E21B47/20 - E21B47/24 covered by E21B47/182 - E21B47/187 E21B47/26 covered by E21B47/124</p> <p><u>Replace</u> the following line(s): E21B47/001-E21B47/009 covered by with E21B47/001 - E21B47/005 covered by E21B47/0001 - E21B47/0005 E21B47/007 - E21B47/009 covered by E21B47/0006 - E21B47/0008</p> <p>E21B47/013-E21B47/017 covered by with E21B47/013 covered by E21B47/01 E21B47/017 covered by E21B47/011</p>
D	E21C	<p>The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: E21B3/02 covered by E21B3/02 E21B3/035 covered by E21B3/035 E21B3/025 covered by E21B3/025 E21B3/03 covered by E21B3/03 E21B6/00 covered by E21B6/00 E21C3/08 covered by B25D9/06, B25D15/00 E21C3/10 covered by B25D15/02 E21C3/12 covered by B25D11/00 E21C3/14 covered by B25D11/00 E21C3/20 covered by B25D9/12 E21C3/22 covered by B25D9/125 B25D11/005 covered by B25D9/265 E21C3/34 covered by B25D17/08 E21B19/081 covered by E21B19/081 E21B19/083 covered by E21B19/083 E21B19/084 covered by E21B19/084 E21B19/089 covered by E21B19/089 E21B44/08 covered by E21B44/08 E21B44/00 covered by E21B44/00 E21B21/14 covered by E21B21/14 E21B7/02 covered by E21B7/02 E21C37/24 covered by B25DE21C37/26 covered by B25DE21C41/18 covered by E21C41/16</p>	<p><u>Delete</u> the existing Warnings 1.</p>

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		E21C41/20 covered by E21C41/16 E21C41/22 covered by E21C41/16 E21C41/24 covered by E21C41/16 E21C41/28 covered by E21C41/26 E21C41/30 covered by E21C41/26 E21C45/02 covered by E21C25/60, E21C45/00 E21C45/04 covered by E21C25/60, E21C45/00 E21C45/06 covered by E21C25/60, E21C45/00 E21C45/08 covered by E21C25/60, E21C45/00 E21C50/00 covered by E02F3/88 E21C50/02 covered by E02F3/88	
M	F01L	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: F01L31/20 covered by F01L31/22 covered by F01L31/24 covered by	For the following lines: <u>Add symbol(s):</u> F01L31/20 covered by F01L31/08 - F01L31/18 F01L31/22 covered by F01L31/08 - F01L31/18 F01L31/24 covered by F01L31/08 - F01L31/18
M	F03C	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: F03C1/253 covered by F03C F03C1/28 covered by F03C1/0406, F03C1/0605 F03C1/30 covered by F03C1/0409, F03C1/0631, F03C1/0668 F03C1/32 covered by F03C1/0415, F03C1/0626, F03C1/0652 F03C1/34 covered by F03C1/0435, F03C1/0615, F03C1/0655 F03C1/36 covered by F03C1/0435, F03C1/0615, F03C1/0655 F03C1/38 covered by F03C1/0435, F03C1/0615, F03C1/0655 F03C1/40 covered by F03C1/0447, F03C1/0678	For the following lines: <u>Add symbol(s):</u> F03C1/253 covered by F03C1/06
M	F16B	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: F16B7/08 covered by F16B5/12, F16B7/04, F16L3/00 F16B7/12 covered by F16B7/105 F16B7/16 covered by F16B7/14	For the following lines: <u>Add symbol(s) and comma:</u> F16B7/16 covered by F16B7/14, F16B2007/16 F16B13/10 covered by F16B13/08, F16B2013/10

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		F16B13/10 covered by F16B13/08 F16B13/13 covered by F16B13/002, F16B13/12 F16B21/14 covered by F16B21/12, F16B21/125 F16B25/02 covered by F16B25/00 F16B25/04 covered by F16B25/00 F16B25/06 covered by F16B25/00 F16B25/08 covered by F16B25/00 F16B33/04 covered by F16B33/02 F16B37/10 covered by F16B37/0842, F16B37/0871	F16B25/04 covered by F16B25/00, F16B25/106 F16B25/06 covered by F16B25/00, F16B25/106 F16B25/08 covered by F16B25/00, F16B25/106 F16B33/04 covered by F16B33/02, F16B2033/04 <u>Replace symbol(s):</u> F16B21/14 covered by F16B21/12, F16B21/125 with F16B21/14 covered by F16B21/12, F16B2021/14 <u>Replace symbol(s):</u> F16B25/02 covered by F16B25/00 with F16B25/02 covered by F16B25/103
M	F16K	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: F16K31/11 covered by F16K31/06, F16K31/08, F16K31/10 F16K31/64 covered by G05D F16K31/66 covered by F16K31/06; H01F F16K31/68 covered by G05D F16K31/70 covered by F16K31/002 F16K31/72 covered by F16K31/00	For the following lines: <u>Replace symbol(s):</u> F16K31/64 covered by F16K31/002, G05D23/00 F16K31/66 covered by F16K31/06, G05D23/00 F16K31/68 covered by F16K31/001, G05D23/00 <u>Add symbol(s) and comma:</u> F16K31/70 covered by F16K31/002, G05D23/08
M	F16L	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: F16L3/21 covered by F16L3/2053, F16L3/2056; F16L13/013 covered by F16L13/007; F16L19/03 covered by F16L19/0212; F16L59/05 covered by F16L59/021. F16L101/14 covered by	For the following lines: <u>Delete line(s):</u> F16L3/21 covered by F16L3/2053, F16L3/2056; F16L13/013 covered by F16L13/007; <u>Add symbol(s):</u> F16L101/14 covered by F16L2101/10
M	F23C	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: F23C101/00 covered by	For the following lines: <u>Add symbol(s):</u> F23C101/00 covered by F23C2206/101
M	F27B	The following IPC groups are not in the CPC system. The subject matter for these	For the following lines:

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		IPC groups is classified in the following CPC groups: F27B1/09 covered by F27B1/08 F27B5/05 covered by F27B5/04 F27B14/16, F27B14/18 covered by F27B14/0806 F27B21/08 - F27B21/14 covered by F27D	<u>Add</u> symbol(s): F27B21/08 - F27B21/14 covered by F27D3/00, F27D21/00
M	G03C	The following IPC group is not in the CPC scheme. Subject matter covered by this group is classified in the following CPC group: G03C9/08 covered by G03F7/0037	For the following lines: <u>Replace</u> reference G03F7/0037 with new symbol(s): G03C9/08 covered by G03C9/00, G03C2009/08
M	G06M	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: G06M15/00 covered by	For the following lines: <u>Add</u> symbol(s): G06M15/00 covered by G06M1/00 – G06M11/00
D	G09G	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: G09G5/32 covered by G09G5/42 G09G5/37 covered by G09G5/39 G09G5/373 covered by G09G5/39 G09G5/377 covered by G09G5/39 G09G5/38 covered by G09G5/42 G09G5/397 covered by G09G5/395, G09G5/399	<u>Delete</u> the existing Warnings 1.
M	H01H	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups : H01H13/708-H01H13/718 covered by H01H33/575 covered by H01H33/56 H01H33/65 covered by H01H33/825 covered by H01H33/82 H01H33/835 covered by H01H33/83 H01H33/867 covered by H01H33/86 H01H33/873 covered by H01H33/86 H01H33/915 covered by H01H33/91 H01H33/985 covered by H01H33/98 H01H33/99 covered by H01H33/98	For the following lines: <u>Add</u> symbol(s) and spaces at “-“: H01H13/708-H01H13/718 covered by H01H 13/702 H01H33/65 covered by H01H 33/64
M	H01L	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups H01L21/301 covered by H01L21/30 H01L21/328 covered by H01L29/66075 H01L21/329 covered by H01L29/66083 H01L21/33 covered by H01L29/66227	For the following lines: <u>Add</u> symbol(s) and spaces at “-“: H01L21/36 - H01L21/368 covered by H01L21/02107 H01L21/58 covered by H01L24/80 H01L21/60 covered by H01L21/50, H01L2021/60

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		H01L21/331 covered by H01L29/66234 H01L21/332 covered by H01L29/66363 H01L21/334 covered by H01L29/66075 H01L21/335 covered by H01L29/66409 H01L21/336 covered by H01L29/66477 H01L21/337 covered by H01L29/66893 H01L21/338 covered by H01L29/66848 H01L21/339 covered by H01L29/66946 H01L21/36-H01L21/368 covered by H01L21/58 covered by H01L24/80 H01L21/60 covered by H01L24/80 H01L21/66 covered by H01L22/00 H01L21/603 covered by H01L24/80 H01L21/607 covered by H01L24/80 H01L21/8242 covered by H01L27/10844 H01L21/8244 covered by H01L27/11 H01L21/8246 covered by H01L27/112 H01L21/98 covered by H01L25/50 H01L29/38 covered by H01L29/04- H01L29/365 H01L29/96 covered by H01L29/68- H01L29/945 H01L51/30 covered by H01L51/0032 H01L51/40 covered by H01L51/0001 H01L51/46 covered by H01L51/0032 H01L51/48 covered by H01L51/0001 H01L51/54 covered by H01L51/0032	H01L21/603 covered by H01L21/50, H01L2021/603 H01L21/607 covered by H01L21/50, H01L2021/607 H01L21/8242 covered by H01L27/108
D	H02J	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups : H02J7/10 covered by H02J7/0072	<u>Delete</u> the existing Warnings 1.
M	H04L	The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: H04L9/18 covered by H04L9/065 H04L9/20 covered by H04L9/0656 H04L9/22 covered by H04L9/0662 H04L9/24 covered by H04L9/0662 H04L9/26 covered by H04L9/0668 H04L9/28 covered by H04L9/002, H04L9/008, H04L9/06, H04L9/08, H04L9/30, H04L9/32 H04L12/20 covered by H04L29/00 H04L12/24 covered by H04L41/00 H04L12/26 covered by H04L43/00 H04L12/58 covered by H04L51/00 H04L12/60-H04L12/62 covered by H04L12/54 H04L12/70 covered by H04L47/00 H04L12/701 covered by H04L45/00	For the following lines: <u>Add</u> symbol(s) and spaces at “-“: H04L12/709 covered by H04L45/245 H04L12/711 covered by H04L45/22, H04L45/24 H04L12/727 covered by H04L45/121 H04L12/741 covered by H04L45/54, H04L45/74, H04L45/745 H04L12/751 covered by H04L45/02, H04L45/025, H04L45/026, H04L45/08, H04L45/10 H04L12/763 covered by H04L45/00 H04L12/827 covered by H04L47/25 - H04L47/266 H04L12/829 covered by H04L47/25 - H04L47/266 H04L12/861 covered by H04L49/90, H04L49/9005, H04L49/9031 - H04L49/9094

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		H04L12/703 covered by H04L45/28 H04L12/705 covered by H04L45/18 H04L12/707 covered by H04L45/22, H04L45/24 H04L12/709 covered by H04L12/711 covered by H04L12/713 covered by H04L45/586 H04L12/715 covered by H04L45/04, H04L45/46, H04L45/64 H04L12/717 covered by H04L45/42 H04L12/721 covered by H04L45/06, H04L45/12, H04L45/123, H04L45/124, H04L45/127, H04L45/14, H04L45/26, H04L45/32, H04L45/34, H04L45/36, H04L45/38, H04L45/40, H04L45/44, H04L45/566, H04L45/62, H04L45/66, H04L45/68, H04L45/70, H04L45/72 H04L12/723 covered by H04L45/50- H04L45/507 H04L12/725 covered by H04L45/30- H04L45/308 H04L12/727 covered by H04L12/729 covered by H04L45/125 H04L12/733 covered by H04L45/122, H04L45/126, H04L45/20 H04L12/735 covered by H04L45/128- H04L45/1287 H04L12/741 covered by H04L12/743 covered by H04L45/7453, H04L45/7457 H04L12/745 covered by H04L45/748 H04L12/747 covered by H04L45/742 H04L12/749 covered by H04L45/741 H04L12/751 covered by H04L12/753 covered by H04L45/48 H04L12/755 covered by H04L45/021 H04L12/757 covered by H04L45/023 H04L12/759 covered by H04L45/023 H04L12/761 covered by H04L45/16 H04L12/763 covered by H04L12/771 covered by H04L45/56, H04L45/563 H04L12/773 covered by H04L45/60 H04L12/775 covered by H04L45/58, H04L45/583 H04L12/781 covered by H04L45/52 H04L12/801 covered by H04L47/10, H04L47/11, H04L47/115, H04L47/12, H04L47/127, H04L47/13-H04L47/196, H04L47/29, H04L47/33, H04L47/34, H04L47/35, H04L47/37, H04L47/39	H04L12/883 covered by H04L49/9015, H04L49/9021 H04L12/885 covered by H04L49/90, H04L49/9005, H04L49/9031 - H04L49/9094 H04L12/893 covered by H04L47/40 H04L12/901 covered by H04L2012/5603 – H04L2012/5687 H04L12/903 covered by H04L2012/5603 – H04L2012/5687 H04L12/905 covered by H04L2012/5603 – H04L2012/5687 H04L12/931 covered by H04L49/00, H04L49/20 - H04L49/208, H04L49/35- H04L49/508, H04L49/60-H04L49/70 H04L12/943 covered by H04L49/55- H04L49/557 H04L12/945 covered by H04L49/55- H04L49/557 H04L12/951 covered by H04L2012/5603 – H04L2012/5687 H04L12/953 covered by H04L2012/5603 – H04L2012/5687 <u>Add new line(s):</u> H04L12/955 covered by H04L2012/5603 – H04L2012/5687 <u>Replace reference H03H with new symbol/range(s):</u> H04L25/17 covered by H04L25/02 - H04L25/0298

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PROJECT MP0381

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
		H04L12/803 covered by H04L47/122, H04L47/125 H04L12/805 covered by H04L47/36, H04L47/365 H04L12/807 covered by H04L47/27 H04L12/811 covered by H04L47/38 H04L12/813 covered by H04L47/20 H04L12/815 covered by H04L47/22, H04L47/225, H04L47/23 H04L12/819 covered by H04L47/21, H04L47/215 H04L12/823 covered by H04L47/32- H04L47/326 H04L12/825 covered by H04L47/25- H04L47/266 H04L12/827 covered by H04L12/829 covered by H04L12/833 covered by H04L47/2458, H04L47/31 H04L12/835 covered by H04L47/30 H04L12/841 covered by H04L47/28- H04L47/286 H04L12/851 covered by H04L47/24, H04L47/2408, H04L47/2425, H04L47/2433, H04L47/245, H04L47/2483 H04L12/853 covered by H04L47/2416 H04L12/855 covered by H04L47/2466 H04L12/857 covered by H04L47/2491 H04L12/859 covered by H04L47/2475 H04L12/861 covered by H04L12/863 covered by H04L47/50, H04L47/54, H04L47/62-H04L47/627, H04L47/628, H04L47/6285, H04L47/6295 H04L12/865 covered by H04L47/6275 H04L12/867 covered by H04L47/629 H04L12/869 covered by H04L47/58, H04L47/60 H04L12/873 covered by H04L47/52, H04L47/521, H04L47/522, H04L47/524, H04L47/527, H04L47/528 H04L12/875 covered by H04L47/56- H04L47/568 H04L12/877 covered by H04L47/525 H04L12/879 covered by H04L49/901, H04L49/9026 H04L12/883 covered by H04L12/885 covered by H04L12/891 covered by H04L47/41 H04L12/893 covered by H04L12/901 covered by H04L12/903 covered by H04L12/905 covered by	

CPC NOTICE OF CHANGES 729

DATE: AUGUST 1, 2019

PROJECT MP0381

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
		H04L12/911 covered by H04L47/70- H04L47/748, H04L47/78, H04L47/781, H04L47/782, H04L47/783, H04L47/788, H04L47/82-H04L47/829 H04L12/913 covered by H04L47/724 H04L12/915 covered by H04L47/785, H04L47/787, H04L47/787 H04L12/917 covered by H04L47/76 H04L12/919 covered by H04L47/765, H04L47/767 H04L12/923 covered by H04L47/762 H04L12/925 covered by H04L47/722 H04L12/927 covered by H04L47/80- H04L47/808 H04L12/931 covered by H04L12/933 covered by H04L49/10- H04L49/1592 H04L12/935 covered by H04L49/30- H04L49/3009 H04L12/937 covered by H04L49/253- H04L49/255 H04L12/939 covered by H04L49/55- H04L49/557 H04L12/943 covered by H04L12/945 covered by H04L12/947 covered by H04L49/25, H04L49/251, H04L49/252, H04L49/256, H04L49/257, H04L49/258 H04L12/951 covered by H04L12/953 covered by H04L25/04 covered by H04L25/03 H04L25/17 covered by H03H H04L25/18 covered by H04L25/027 H04L25/28 covered by H04L25/0268 H04L25/30 covered by H04L25/061 H04L25/32 covered by H04L25/49 H04L25/34 covered by H04L25/4917 H04L25/48 covered by H04L25/49 H04L25/52 covered by H04L25/20 H04L25/54 covered by H04L25/20 H04L25/56 covered by H04L25/202 H04L25/58 covered by H04L25/20 H04L25/60 covered by H04L25/207 H04L25/62 covered by H04L25/205 H04L25/64 covered by H04L25/245 H04L25/66 covered by H04L25/247	

*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.