

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1091

DATE: AUGUST 1, 2021

PROJECT RP0211-F

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Symbols Deleted:	G02B	15/155
Warnings Deleted:	G02B	15/14, 15/142, 15/1421, 15/1425, 15/143, 15/1431, 15/1435, 15/144, 15/144101, 15/144103, 15/144105, 15/144107, 15/144109, 15/144111, 15/144113, 15/144115, 15/1445, 15/144501, 15/144503, 15/144505, 15/144507, 15/144509, 15/144511, 15/144513, 15/144515, 15/145, 15/1451, 15/145101, 15/145103, 15/145105, 15/145107, 15/145109, 15/145111, 15/145113, 15/145115, 15/145117, 15/145119, 15/145121, 15/145123, 15/145125, 15/145127, 15/145129, 15/145131, 15/1455, 15/145501, 15/145503, 15/145505, 15/145507, 15/145509, 15/145511, 15/145513, 15/145515, 15/145517, 15/145519, 15/145521, 15/145523, 15/145525, 15/145527, 15/145529, 15/145531, 15/146, 15/1461, 15/15, 15/155, 15/16, 15/163, 15/167, 15/17, 15/173, 15/177, 15/20

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(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

A. New, Modified or Deleted Group(s)

SUBCLASS G02B – OPTICAL ELEMENTS, SYSTEMS, OR APPARATUS

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
D	G02B15/155	3	{Zoomlenses arranged symmetrically around a central plane, e.g. a diaphragm-containing plane }	<no transfer>

*N = new entries where reclassification into entries is involved; C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; T = existing entries with enlarged file scope, which receive documents from C or D entries, e.g. when a limiting reference is removed from the entry title; M = entries with no change to the file scope (no reclassification); D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed; U = entries that are unchanged.

NOTES:

- **No {curly brackets} are used for titles in CPC only subclasses, e.g. C12Y, A23Y; 2000 series symbol titles of groups found at the end of schemes (orthogonal codes); or the Y section titles. The {curly brackets} are used for 2000 series symbol titles found interspersed throughout the main trunk schemes (breakdown codes).
- U groups: it is obligatory to display the required “anchor” symbol (U group), i.e. the entry immediately preceding a new group or an array of new groups to be created (in case new groups are not clearly subgroups of C-type groups). Always include the symbol, indent level and title of the U group in the table above.
- All entry types should be included in the scheme changes table above for better understanding of the overall scheme change picture. Symbol, indent level, and title are required for all types.
- “Transferred to” column must be completed for all C, D, F, and Q type entries. F groups will be deleted once reclassification is completed.
- When multiple symbols are included in the “Transferred to” column, avoid using ranges of symbols in order to be as precise as possible.
- For administrative transfer of documents, the following text should be used: “< administrative transfer to XX>”, “<administrative transfer to XX and YY simultaneously>”, or “<administrative transfer to XX, YY, ...and ZZ simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be “additional information”.
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations “ADD” or “INV”: <administrative transfer to XX ADD> , <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the “D” entries of 2000-series or Y-series groups may not require a destination (“Transferred to”) symbol, however it is required to specify “<no transfer>” in the “Transferred to” column for such cases.
- For finalisation projects, the deleted “F” symbols should have <no transfer> in the “Transferred to” column.
- For more details about the types of scheme change, see CPC Guide.

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B. New, Modified or Deleted Warning(s)

SUBCLASS G02B – OPTICAL ELEMENTS, SYSTEMS, OR APPARATUS

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
D	G02B 15/14	<p>Group G02B 15/14 is impacted by reclassification into groups G02B 15/142, G02B 15/1421, G02B 15/1425, G02B 15/143, G02B 15/1431, G02B 15/143101, G02B 15/143103, G02B 15/143105, G02B 15/143107, G02B 15/1435, G02B 15/143501, G02B 15/143503, G02B 15/143505, G02B 15/143507, G02B 15/144, G02B 15/1441, G02B 15/144101, G02B 15/144103, G02B 15/144105, G02B 15/144107, G02B 15/144109, G02B 15/144111, G02B 15/144113, G02B 15/144115, G02B 15/1445, G02B 15/144501, G02B 15/144503, G02B 15/144505, G02B 15/144507, G02B 15/144509, G02B 15/144511, G02B 15/144513, G02B 15/144515, G02B 15/145, G02B 15/1451, G02B 15/145101, G02B 15/145103, G02B 15/145105, G02B 15/145107, G02B 15/145109, G02B 15/145111, G02B 15/145113, G02B 15/145115, G02B 15/145117, G02B 15/145119, G02B 15/145121, G02B 15/145123, G02B 15/145125, G02B 15/145127, G02B 15/145129, G02B 15/145131, G02B 15/1455, G02B 15/145501, G02B 15/145503, G02B 15/145505, G02B 15/145507, G02B 15/145509, G02B 15/145511, G02B 15/145513, G02B 15/145515, G02B 15/145517, G02B 15/145519, G02B 15/145521, G02B 15/145523, G02B 15/145525, G02B 15/145527, G02B 15/145529, G02B 15/145531, G02B 15/146, G02B 15/1461, and G02B 15/1465.</p> <p>All groups listed in this Warning should be considered in order to perform a complete search.</p>	Delete the Warning.
D	G02B 15/142	<p>Group G02B 15/142 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, and G02B 15/16. Group G02B 15/142 is</p>	Delete the Warning.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
		also impacted by reclassification into groups G02B 15/1421 and G02B 15/1425. All groups listed in this Warning should be considered in order to perform a complete search.	
D	G02B 15/1421	Group G02B 15/1421 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/142, G02B 15/15, G02B 15/155, and G02B 15/16. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/1425	Group G02B 15/1425 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/142, G02B 15/15, G02B 15/155, and G02B 15/16. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/143	Group G02B 15/143 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/177, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/1431	Groups G02B 15/1431, G02B 15/143101, G02B 15/143103, G02B 15/143105, and G02B 15/143107 are incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/1435	Groups G02B 15/1435, G02B 15/143501, G02B 15/143503, G02B 15/143505, and G02B 15/143507 are incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155,	Delete the Warning.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
		G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/177, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	
D	G02B 15/144	Groups G02B 15/144 and G02B 15/1441 are incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/17, G02B 15/173, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/144101	Group G02B 15/144101 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/17, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/144103	Group G02B 15/144103 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/17, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/144105	Group G02B 15/144105 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/173, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/144107	Group G02B 15/144107 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155,	Delete the Warning.

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		G02B 15/16, G02B 15/163, G02B 15/167, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	
D	G02B 15/144109	Group G02B 15/144109 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/17, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/144111	Group G02B 15/144111 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/173, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/144113	Group G02B 15/144113 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/173, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/144115	Group G02B 15/144115 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/1445	Group G02B 15/1445 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/173, G02B 15/177, and G02B 15/20.	Delete the Warning.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
		All groups listed in this Warning should be considered in order to perform a complete search.	
D	G02B 15/144501	Group G02B 15/144501 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/177, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/144503	Group G02B 15/144503 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/17, G02B 15/177, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/144505	Group G02B 15/144505 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/177, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/144507	Group G02B 15/144507 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/177, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/144509	Group G02B 15/144509 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/177, and G02B 15/20.	Delete the Warning.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
		All groups listed in this Warning should be considered in order to perform a complete search.	
D	G02B 15/144511	Group G02B 15/144511 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/173, G02B 15/177, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/144513	Group G02B 15/144513 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/177, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/144515	Group G02B 15/144515 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/177, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/145	Group G02B 15/145 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/17, G02B 15/173, G02B 15/177, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/1451	Group G02B 15/1451 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/17, G02B 15/173, and G02B 15/20.	Delete the Warning.

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		All groups listed in this Warning should be considered in order to perform a complete search.	
D	G02B 15/145101	Group G02B 15/145101 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/17, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/145103	Group G02B 15/145103 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/17, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/145105	Group G02B 15/145105 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/17, G02B 15/173, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/145107	Group G02B 15/145107 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/17, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/145109	Group G02B 15/145109 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/17, and G02B 15/20.	Delete the Warning.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
		All groups listed in this Warning should be considered in order to perform a complete search.	
D	G02B 15/145111	Group G02B 15/145111 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/173, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/145113	Group G02B 15/145113 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/173, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/145115	Group G02B 15/145115 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/145117	Group G02B 15/145117 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/17, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/145119	Group G02B 15/145119 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/17, and G02B 15/20.	Delete the Warning.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
		All groups listed in this Warning should be considered in order to perform a complete search.	
D	G02B 15/145121	Group G02B 15/145121 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/173, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/145123	Group G02B 15/145123 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/173, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/145125	Group G02B 15/145125 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/17, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/145127	Group G02B 15/145127 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/173, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/145129	Group G02B 15/145129 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/173, and G02B 15/20.	Delete the Warning.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
		All groups listed in this Warning should be considered in order to perform a complete search.	
D	G02B 15/145131	Group G02B 15/145131 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/1455	Group G02B 15/1455 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/17, G02B 15/173, G02B 15/177, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/145501	Group G02B 15/145501 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/177, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/145503	Group G02B 15/145503 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/17, G02B 15/177, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/145505	Group G02B 15/145505 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/17, and G02B 15/20.	Delete the Warning.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
		All groups listed in this Warning should be considered in order to perform a complete search.	
D	G02B 15/145507	Group G02B 15/145507 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/17, G02B 15/177, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/145509	Group G02B 15/145509 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/177, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/145511	Group G02B 15/145511 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/173, G02B 15/177, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/145513	Group G02B 15/145513 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/177, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/145515	Group G02B 15/145515 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/177, and G02B 15/20.	Delete the Warning.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
		All groups listed in this Warning should be considered in order to perform a complete search.	
D	G02B 15/145517	Group G02B 15/145517 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/177, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/145519	Group G02B 15/145519 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/17, G02B 15/177, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/145521	Group G02B 15/145521 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/173, G02B 15/177, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/145523	Group G02B 15/145523 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/173, G02B 15/177, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/145525	Group G02B 15/145525 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/177, and G02B 15/20.	Delete the Warning.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
		All groups listed in this Warning should be considered in order to perform a complete search.	
D	G02B 15/145527	Group G02B 15/145527 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/173, G02B 15/177, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/145529	Group G02B 15/145529 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/177, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/145531	Group G02B 15/145531 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/177, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/146	Groups G02B 15/146 and G02B 15/1465 are incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/17, G02B 15/173, G02B 15/177, and G02B 15/20. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/1461	Group G02B 15/1461 is incomplete pending reclassification of documents from groups G02B 15/14, G02B 15/15, G02B 15/155, G02B 15/16, G02B 15/163, G02B 15/167, G02B 15/17, G02B 15/173, and G02B 15/20.	Delete the Warning.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
		All groups listed in this Warning should be considered in order to perform a complete search.	
D	G02B 15/15	<p>Group G02B 15/15 is impacted by reclassification into groups G02B 15/142, G02B 15/1421, G02B 15/1425, G02B 15/143, G02B 15/1431, G02B 15/143101, G02B 15/143103, G02B 15/143105, G02B 15/143107, G02B 15/1435, G02B 15/143501, G02B 15/143503, G02B 15/143505, G02B 15/143507, G02B 15/144, G02B 15/1441, G02B 15/144101, G02B 15/144103, G02B 15/144105, G02B 15/144107, G02B 15/144109, G02B 15/144111, G02B 15/144113, G02B 15/144115, G02B 15/1445, G02B 15/144501, G02B 15/144503, G02B 15/144505, G02B 15/144507, G02B 15/144509, G02B 15/144511, G02B 15/144513, G02B 15/144515, G02B 15/145, G02B 15/1451, G02B 15/145101, G02B 15/145103, G02B 15/145105, G02B 15/145107, G02B 15/145109, G02B 15/145111, G02B 15/145113, G02B 15/145115, G02B 15/145117, G02B 15/145119, G02B 15/145121, G02B 15/145123, G02B 15/145125, G02B 15/145127, G02B 15/145129, G02B 15/145131, G02B 15/1455, G02B 15/145501, G02B 15/145503, G02B 15/145505, G02B 15/145507, G02B 15/145509, G02B 15/145511, G02B 15/145513, G02B 15/145515, G02B 15/145517, G02B 15/145519, G02B 15/145521, G02B 15/145523, G02B 15/145525, G02B 15/145527, G02B 15/145529, G02B 15/145531, G02B 15/146, G02B 15/1461, and G02B 15/1465.</p> <p>All groups listed in this Warning should be considered in order to perform a complete search.</p>	Delete the Warning.
D	G02B 15/155	<p>Group G02B 15/155 is no longer used for the classification of documents as of August 1, 2019. The content of this group is being reclassified into groups G02B 15/142, G02B 15/1421, G02B 15/1425, G02B 15/143, G02B 15/1431, G02B 15/143101,</p>	Delete the Warning.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
		<p>G02B 15/143103, G02B 15/143105, G02B 15/143107, G02B 15/1435, G02B 15/143501, G02B 15/143503, G02B 15/143505, G02B 15/143507, G02B 15/144, G02B 15/1441, G02B 15/144101, G02B 15/144103, G02B 15/144105, G02B 15/144107, G02B 15/144109, G02B 15/144111, G02B 15/144113, G02B 15/144115, G02B 15/1445, G02B 15/144501, G02B 15/144503, G02B 15/144505, G02B 15/144507, G02B 15/144509, G02B 15/144511, G02B 15/144513, G02B 15/144515, G02B 15/145, G02B 15/1451, G02B 15/145101, G02B 15/145103, G02B 15/145105, G02B 15/145107, G02B 15/145109, G02B 15/145111, G02B 15/145113, G02B 15/145115, G02B 15/145117, G02B 15/145119, G02B 15/145121, G02B 15/145123, G02B 15/145125, G02B 15/145127, G02B 15/145129, G02B 15/145131, G02B 15/1455, G02B 15/145501, G02B 15/145503, G02B 15/145505, G02B 15/145507, G02B 15/145509, G02B 15/145511, G02B 15/145513, G02B 15/145515, G02B 15/145517, G02B 15/145519, G02B 15/145521, G02B 15/145523, G02B 15/145525, G02B 15/145527, G02B 15/145529, G02B 15/145531, G02B 15/146, G02B 15/1461, and G02B 15/1465.</p> <p>All groups listed in this Warning should be considered in order to perform a complete search.</p>	
D	G02B 15/16	<p>Group G02B 15/16 is impacted by reclassification into groups G02B 15/142, G02B 15/1421, G02B 15/1425, G02B 15/143, G02B 15/1431, G02B 15/143101, G02B 15/143103, G02B 15/143105, G02B 15/143107, G02B 15/1435, G02B 15/143501, G02B 15/143503, G02B 15/143505, G02B 15/143507, G02B 15/144, G02B 15/1441, G02B 15/144101, G02B 15/144103, G02B 15/144105, G02B 15/144107, G02B 15/144109, G02B 15/144111, G02B 15/144113, G02B 15/144115, G02B 15/1445, G02B 15/144501,</p>	Delete the Warning.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
		<p>G02B 15/144503, G02B 15/144505, G02B 15/144507, G02B 15/144509, G02B 15/144511, G02B 15/144513, G02B 15/144515, G02B 15/145, G02B 15/1451, G02B 15/145101, G02B 15/145103, G02B 15/145105, G02B 15/145107, G02B 15/145109, G02B 15/145111, G02B 15/145113, G02B 15/145115, G02B 15/145117, G02B 15/145119, G02B 15/145121, G02B 15/145123, G02B 15/145125, G02B 15/145127, G02B 15/145129, G02B 15/145131, G02B 15/1455, G02B 15/145501, G02B 15/145503, G02B 15/145505, G02B 15/145507, G02B 15/145509, G02B 15/145511, G02B 15/145513, G02B 15/145515, G02B 15/145517, G02B 15/145519, G02B 15/145521, G02B 15/145523, G02B 15/145525, G02B 15/145527, G02B 15/145529, G02B 15/145531, G02B 15/146, G02B 15/1461, and G02B 15/1465.</p> <p>All groups listed in this Warning should be considered in order to perform a complete search.</p>	
D	G02B 15/163	<p>Group G02B 15/163 is impacted by reclassification into groups G02B 15/143, G02B 15/1431, G02B 15/143101, G02B 15/143103, G02B 15/143105, G02B 15/143107, G02B 15/1435, G02B 15/143501, G02B 15/143503, G02B 15/143505, G02B 15/143507, G02B 15/144, G02B 15/1441, G02B 15/144101, G02B 15/144103, G02B 15/144105, G02B 15/144107, G02B 15/144109, G02B 15/144111, G02B 15/144113, G02B 15/144115, G02B 15/1445, G02B 15/144501, G02B 15/144503, G02B 15/144505, G02B 15/144507, G02B 15/144509, G02B 15/144511, G02B 15/144513, G02B 15/144515, G02B 15/145, G02B 15/1451, G02B 15/145101, G02B 15/145103, G02B 15/145105, G02B 15/145107, G02B 15/145109, G02B 15/145111, G02B 15/145113, G02B 15/145115, G02B 15/145117, G02B 15/145119, G02B 15/145121, G02B 15/145123, G02B 15/145125, G02B 15/145127,</p>	Delete the Warning.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
		G02B 15/145129, G02B 15/145131, G02B 15/1455, G02B 15/145501, G02B 15/145503, G02B 15/145505, G02B 15/145507, G02B 15/145509, G02B 15/145511, G02B 15/145513, G02B 15/145515, G02B 15/145517, G02B 15/145519, G02B 15/145521, G02B 15/145523, G02B 15/145525, G02B 15/145527, G02B 15/145529, G02B 15/145531, G02B 15/146, G02B 15/1461, and G02B 15/1465. All groups listed in this Warning should be considered in order to perform a complete search.	
D	G02B 15/167	Group G02B 15/167 is impacted by reclassification into groups G02B 15/143, G02B 15/1431, G02B 15/143101, G02B 15/143103, G02B 15/143105, G02B 15/143107, G02B 15/1435, G02B 15/143501, G02B 15/143503, G02B 15/143505, G02B 15/143507, G02B 15/144, G02B 15/1441, G02B 15/144101, G02B 15/144103, G02B 15/144105, G02B 15/144107, G02B 15/144109, G02B 15/144111, G02B 15/144113, G02B 15/144115, G02B 15/1445, G02B 15/144501, G02B 15/144503, G02B 15/144505, G02B 15/144507, G02B 15/144509, G02B 15/144511, G02B 15/144513, G02B 15/144515, G02B 15/145, G02B 15/1451, G02B 15/145101, G02B 15/145103, G02B 15/145105, G02B 15/145107, G02B 15/145109, G02B 15/145111, G02B 15/145113, G02B 15/145115, G02B 15/145117, G02B 15/145119, G02B 15/145121, G02B 15/145123, G02B 15/145125, G02B 15/145127, G02B 15/145129, G02B 15/145131, G02B 15/1455, G02B 15/145501, G02B 15/145503, G02B 15/145505, G02B 15/145507, G02B 15/145509, G02B 15/145511, G02B 15/145513, G02B 15/145515, G02B 15/145517, G02B 15/145519, G02B 15/145521, G02B 15/145523, G02B 15/145525, G02B 15/145527, G02B 15/145529, G02B 15/145531, G02B 15/146, G02B 15/1461, and G02B 15/1465.	Delete the Warning.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
		All groups listed in this Warning should be considered in order to perform a complete search.	
D	G02B 15/17	Group G02B 15/17 is impacted by reclassification into groups G02B 15/144, G02B 15/1441, G02B 15/144101, G02B 15/144103, G02B 15/144109, G02B 15/144503, G02B 15/145, G02B 15/1451, G02B 15/145101, G02B 15/145103, G02B 15/145105, G02B 15/145107, G02B 15/145109, G02B 15/145117, G02B 15/145119, G02B 15/145125, G02B 15/1455, G02B 15/145503, G02B 15/145505, G02B 15/145507, G02B 15/145519, G02B 15/146, G02B 15/1461, and G02B 15/1465. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/173	Group G02B 15/173 is impacted by reclassification into groups G02B 15/144, G02B 15/1441, G02B 15/144105, G02B 15/144111, G02B 15/144113, G02B 15/1445, G02B 15/144511, G02B 15/145, G02B 15/1451, G02B 15/145105, G02B 15/145111, G02B 15/145113, G02B 15/145121, G02B 15/145123, G02B 15/145127, G02B 15/145129, G02B 15/1455, G02B 15/145511, G02B 15/145521, G02B 15/145523, G02B 15/145527, G02B 15/146, G02B 15/1461, and G02B 15/1465. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.
D	G02B 15/177	Group G02B 15/177 is impacted by reclassification into groups G02B 15/143, G02B 15/1435, G02B 15/143501, G02B 15/143503, G02B 15/143505, G02B 15/143507, G02B 15/1445, G02B 15/144501, G02B 15/144503, G02B 15/144505, G02B 15/144507, G02B 15/144509, G02B 15/144511, G02B 15/144513, G02B 15/144515, G02B 15/145, G02B 15/1455, G02B 15/145501, G02B 15/145503, G02B 15/145507, G02B 15/145509, G02B 15/145511, G02B 15/145513, G02B 15/145515,	Delete the Warning.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
		G02B 15/145517, G02B 15/145519, G02B 15/145521, G02B 15/145523, G02B 15/145525, G02B 15/145527, G02B 15/145529, G02B 15/145531, G02B 15/146, and G02B 15/1465. All groups listed in this Warning should be considered in order to perform a complete search.	
D	G02B 15/20	Group G02B 15/20 is impacted by reclassification into groups G02B 15/143, G02B 15/1431, G02B 15/143101, G02B 15/143103, G02B 15/143105, G02B 15/143107, G02B 15/1435, G02B 15/143501, G02B 15/143503, G02B 15/143505, G02B 15/143507, G02B 15/144, G02B 15/1441, G02B 15/144101, G02B 15/144103, G02B 15/144105, G02B 15/144107, G02B 15/144109, G02B 15/144111, G02B 15/144113, G02B 15/144115, G02B 15/1445, G02B 15/144501, G02B 15/144503, G02B 15/144505, G02B 15/144507, G02B 15/144509, G02B 15/144511, G02B 15/144513, G02B 15/144515, G02B 15/145, G02B 15/1451, G02B 15/145101, G02B 15/145103, G02B 15/145105, G02B 15/145107, G02B 15/145109, G02B 15/145111, G02B 15/145113, G02B 15/145115, G02B 15/145117, G02B 15/145119, G02B 15/145121, G02B 15/145123, G02B 15/145125, G02B 15/145127, G02B 15/145129, G02B 15/145131, G02B 15/1455, G02B 15/145501, G02B 15/145503, G02B 15/145505, G02B 15/145507, G02B 15/145509, G02B 15/145511, G02B 15/145513, G02B 15/145515, G02B 15/145517, G02B 15/145519, G02B 15/145521, G02B 15/145523, G02B 15/145525, G02B 15/145527, G02B 15/145529, G02B 15/145531, G02B 15/146, G02B 15/1461, and G02B 15/1465. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the Warning.

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

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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.

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

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
G02B 15/155		DELETE

*Action column:

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

NOTES:

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