

CPC NOTICE OF CHANGES 1513

DATE: AUGUST 1, 2023

PROJECT RP11944-C

## **CORRIGENDA**

### ***Overview***

Intellectual Reclassification and Administrative transfers in this project were performed on February 1, 2023 according to the originally published RCL.

This corrected publication reflects the appropriate movement of documents to properly account for all target sources and destinations required for this reclassification.

This corrigendum notice does not change the contents of the CPC Scheme, Definitions, or CICL. Intellectual reclassification will be delayed in this project. Therefore, corrections to this project necessitate a new CPC release to update the Warnings.

### ***Technical Details***

*In the Scheme Change table (A. New, Modified or Deleted Group(s)):*

- In the row corresponding to: C, H0L25/04, replace the target groups of H01L 25/04, H10K 19/00, H10K 39/10, H10K 59/90, H10K 59/95, H10K 65/00 with H01L 25/04, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00
- In the row corresponding to: C, H0L25/065, replace the target groups of H01L 25/065, H10B 80/00 with H01L 25/065, H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00
- In the row corresponding to: C, H0L25/0652, replace the target groups of H01L 25/0652, H10B 80/00 with H01L 25/0652, H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00
- In the row corresponding to: C, H0L25/0655, replace the target groups of H01L 25/0655, H10B 80/00 with H01L 25/0655, H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00
- In the row corresponding to: C, H0L25/0657, replace the target groups of H01L 25/0657, H10B 80/00 with H01L 25/0657, H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00
- In the row corresponding to: C, H0L25/16, replace the target groups of H01L 25/16, H10B 80/00, H10K 39/10, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00 with H01L 25/16, H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00

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- In the row corresponding to: C, H0L25/162, replace the target groups of H01L 25/162, H10B 80/00, H10K 39/10, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00 with H01L 25/162, H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00
- In the row corresponding to: C, H0L25/165, replace the target groups of H01L 25/165, H10B 80/00, H10K 39/10, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00 with H01L 25/165, H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00
- In the row corresponding to: C, H0L25/167, replace the target groups of H01L 25/167, H10B 80/00, H10K 39/10, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00 with H01L 25/167, H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00
- In the row corresponding to: C, H0L25/18, replace the target groups of H01L 25/18, H10B 80/00, H10K 19/00, H10K 39/10, H10K 59/90, H10K 59/95, H10K 65/00, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00 with H01L 25/18, H10B 80/00, H10K 19/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10K 65/00, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00

*In the Scheme Change table (B. New, Modified or Deleted Warning(s)):*

- Update the warnings for the following subgroups H01L25/04, H01L25/065, H01L25/0652, H01L25/0655, H01L25/0657, H01L25/16, H10B80/00, H10K19/00, H10K59/90, H10N19/00, H10N39/00, H10N59/00, H10N69/00, H10N79/00 and H10N89/00
- New warnings provided for the following subgroups H01L25/162, H01L25/165 and H01L25/167

*In the Revision Concordance List (RCL):*

- In the row corresponding to: C, H0L25/04, replace the target groups of H01L 25/04, H10K 19/00, H10K 39/10, H10K 59/90, H10K 59/95, H10K 65/00 with H01L 25/04, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00
- In the row corresponding to: C, H0L25/065, replace the target groups of H01L 25/065, H10B 80/00 with H01L 25/065, H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00
- In the row corresponding to: C, H0L25/0652, replace the target groups of H01L 25/0652, H10B 80/00 with H01L 25/0652, H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K

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39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00

- In the row corresponding to: C, H0L25/0655, replace the target groups of H01L 25/0655, H10B 80/00 with H01L 25/0655, H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00
- In the row corresponding to: C, H0L25/0657, replace the target groups of H01L 25/0657, H10B 80/00 with H01L 25/0657, H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00
- In the row corresponding to: C, H0L25/16, replace the target groups of H01L 25/16, H10B 80/00, H10K 39/10, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00 with H01L 25/16, H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00
- In the row corresponding to: C, H0L25/162, replace the target groups of H01L 25/162, H10B 80/00, H10K 39/10, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00 with H01L 25/162, H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00
- In the row corresponding to: C, H0L25/165, replace the target groups of H01L 25/165, H10B 80/00, H10K 39/10, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00 with H01L 25/165, H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00
- In the row corresponding to: C, H0L25/167, replace the target groups of H01L 25/167, H10B 80/00, H10K 39/10, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00 with H01L 25/167, H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00
- In the row corresponding to: C, H0L25/18, replace the target groups of H01L 25/18, H10B 80/00, H10K 19/00, H10K 39/10, H10K 59/90, H10K 59/95, H10K 65/00, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00 with H01L 25/18, H10B 80/00, H10K 19/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10K 65/00, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
<b>SCHEME:</b>		
Warnings New:	H01L	25/162, 25/165, 25/167
Warnings Modified:	H01L	25/04, 25/065, 25/0652, 25/0655, 25/0657, 25/16, 25/18
	H10B	80/00
	H10K	19/00, 59/90
	H10N	19/00, 39/00,59/00, 69/00, 79/00, 89/00

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 H01L – SEMICONDUCTOR DEVICES NOT COVERED BY CLASS H10**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> “CPC only” text should normally be enclosed in {curly brackets}**	<u>Transferred to#</u>
C	H01L 25/04	2	the devices not having separate containers	H01L 25/04, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00
C	H01L 25/065	3	the devices being of a type provided for in group H01L 27/00	H01L 25/065, H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00
C	H01L 25/0652	4	{the devices being arranged next and on each other, i.e. mixed assemblies }	H01L 25/0652, H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00
C	H01L 25/0655	4	{the devices being arranged next to each other }	H01L 25/0655, H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00
C	H01L 25/0657	4	{Stacked arrangements of devices }	H01L 25/0657, H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00
C	H01L 25/16	1	the devices being of types provided for in two or more different main groups of groups H01L 27/00 - H01L 33/00, or in a single	H01L 25/16, H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621,

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<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of</u> <u>dots (e.g. 0,</u> <u>1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be</u> <u>enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
			subclass of H10K, H10N, e.g. forming hybrid circuits	H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00
C	H01L25/ 162	2	{the devices being mounted on two or more different substrates}	H01L 25/162, H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00
C	H01L25/ 165	2	{Containers}	H01L 25/165, H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00
C	H01L25/ 167	2	{comprising optoelectronic devices, e.g. LED, photodiodes}	H01L 25/167, H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00
C	H01L 25/18	1	the devices being of types provided for in two or more different subgroups of the same main group of groups H01L 27/00 - H01L 33/00, or in a single subclass of H10K, H10N	H01L 25/18, H10B 80/00, H10K 19/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10K 65/00, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00

\*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:

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- \*\*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 H01L – SEMICONDUCTOR DEVICES NOT COVERED BY CLASS H10**

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New Warning</u>
M	H01L 25/04	Group H01L 25/04 is impacted by reclassification into groups H10K 19/00, H10K 39/10, H10K 59/90, H10K 59/95, and H10K 65/00. All groups listed in this Warning should be considered in order to perform a complete search.	Group H01L 25/04 is impacted by reclassification into groups H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00 and H10N 89/00. All groups listed in this Warning should be considered in order to perform a complete search.
M	H01L 25/065	Group H01L 25/065 is impacted by reclassification into group H10B 80/00. Groups H01L 25/065 and H10B 80/00 should be considered in order to perform a complete search.	Group H01L 25/065 is impacted by reclassification into groups H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00 and H10N 89/00. All groups listed in this Warning should be considered in order to perform a complete search.
M	H01L 25/0652	Group H01L 25/0652 is impacted by reclassification into group H10B 80/00. Groups H01L 25/0652 and H10B 80/00 should be considered in order to perform a complete search.	Group H01L 25/0652 is impacted by reclassification into groups H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00 and H10N 89/00. All groups listed in this Warning should be considered in order to perform a complete search.
M	H01L 25/0655	Group H01L 25/0655 is impacted by reclassification into group H10B 80/00. Groups H01L 25/0655 and H10B 80/00 should be considered in order to perform a complete search.	Group H01L 25/0655 is impacted by reclassification into groups H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00 and H10N 89/00. All groups listed in this



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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New Warning</u>
			Warning should be considered in order to perform a complete search.
M	H01L 25/0657	Group H01L 25/0657 is impacted by reclassification into group H10B 80/00. Groups H01L 25/0657 and H10B 80/00 should be considered in order to perform a complete search.	Group H01L 25/0657 is impacted by reclassification into groups H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00 and H10N 89/00. All groups listed in this Warning should be considered in order to perform a complete search.
M	H01L 25/16	Group H01L 25/16, H01L25/162, H01L25/165 and H01L25/167 are impacted by reclassification into groups H10B 80/00, H10K 39/10, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, and H10N 89/00. All groups listed in this Warning should be considered in order to perform a complete search.	Group H01L 25/16 is impacted by reclassification into groups H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00 and H10N 89/00. All groups listed in this Warning should be considered in order to perform a complete search.
N	H01L25/162		Group H01L 25/162 is impacted by reclassification into groups H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00 and H10N 89/00. All groups listed in this Warning should be considered in order to perform a complete search.
N	H01L 25/165		Group H01L 25/165 is impacted by reclassification into groups H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00 and H10N 89/00. All groups listed in this

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New Warning</u>
			Warning should be considered in order to perform a complete search.
N	H01L25/167		Group H01L 25/167 is impacted by reclassification into groups H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00 and H10N 89/00. All groups listed in this Warning should be considered in order to perform a complete search.
M	H01L25/18	Group H01L 25/18 is impacted by reclassification into groups H10B 80/00, H10K 19/00, H10K 39/10, H10K 59/90, H10K 59/95, H10K 65/00, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00 and H10N 89/00. All groups listed in this Warning should be considered in order to perform a complete search	Group H01L 25/18 is impacted by reclassification into groups H10B 80/00, H10K 19/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10K 65/00, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00 and H10N 89/00. All groups listed in this Warning should be considered in order to perform a complete search.
M	H10B80/00	Group H10B 80/00 is incomplete pending reclassification of documents from groups H01L25/065, H01L 25/0652, H01L 25/0655, H01L 25/0657 and H01L 25/18. All groups listed in this Warning should be considered in order to perform a complete search.	Group H10B 80/00 is incomplete pending reclassification of documents from groups H01L 25/065, H01L 25/0652, H01L 25/0655, H01L 25/0657, H01L 25/16, H01L 25/162, H01L 25/165, H01L 25/167 and H01L 25/18. All groups listed in this Warning should be considered in order to perform a complete search.
M	H10K19/00	Group H10K 19/00 is incomplete pending reclassification of documents from groups H01L25/04 and H01L 25/18.  Group H10K 19/00 is also impacted by reclassification into group H10K 19/80. Groups H10K 19/00 and H10K 19/80 should be	Group H10K 19/00 is incomplete pending reclassification of documents from group H01L 25/18. Groups H01L 25/18 and H10K 19/00 should be considered in order to perform a complete search.  Group H10K 19/00 is also impacted by reclassification into group H10K 19/80. Groups H10K 19/00 and H10K

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		considered in order to perform a complete search.	19/80 should be considered in order to perform a complete search.
M	H10K59/90	Group H10K 59/90 is incomplete pending reclassification of documents from groups H01L 25/04, H01L 25/16, H01L 25/162, H01L 25/165, H01L 25/167 and H01L 25/18. Group H10K 59/90 is also impacted by reclassification into group H10K 59/95. All groups listed in this Warning should be considered in order to perform a complete search.	Groups H10K 59/90 and H10K 59/95 are incomplete pending reclassification of documents from groups H01L 25/065, H01L 25/0652, H01L 25/0655, H01L 25/0657, H01L 25/16, H01L 25/162, H01L 25/165, H01L 25/167 and H01L 25/18. All groups listed in this Warning should be considered in order to perform a complete search.  Group H10K 59/90 is also impacted by reclassification into group H10K 59/95. All groups listed in this Warning should be considered in order to perform a complete search.
M	H10N19/00	Group H10N 19/00 is incomplete pending reclassification of documents from groups H01L 25/16, H01L 25/162, H01L 25/165, H01L 25/167 and H01L 25/18. All groups listed in this Warning should be considered in order to perform a complete search	Group H10N 19/00 is incomplete pending reclassification of documents from groups H01L 25/04, H01L 25/065, H01L 25/0652, H01L 25/0655, H01L 25/0657, H01L 25/16, H01L 25/162, H01L 25/165, H01L 25/167 and H01L 25/18. All groups listed in this Warning should be considered in order to perform a complete search.
M	H10N39/00	Group H10N 39/00 is incomplete pending reclassification of documents from groups H01L 25/16, H01L 25/162, H01L 25/165, H01L 25/167 and H01L 25/18. All groups listed in this Warning should be considered in order to perform a complete search	Group H10N 39/00 is incomplete pending reclassification of documents from groups H01L 25/04, H01L 25/065, H01L 25/0652, H01L 25/0655, H01L 25/0657, H01L 25/16, H01L 25/162, H01L 25/165, H01L 25/167 and H01L 25/18. All groups listed in this Warning should be considered in order to perform a complete search.
M	H10N59/00	Group H10N 59/00 is incomplete pending reclassification of documents from groups H01L 25/16, H01L 25/162, H01L 25/165, H01L 25/167 and H01L 25/18.  Group H10N 59/00 is also impacted by reclassification into group H10B 61/00. All groups listed in this Warning	Group H10N 59/00 is incomplete pending reclassification of documents from groups H01L 25/04, H01L 25/065, H01L 25/0652, H01L 25/0655, H01L 25/0657, H01L 25/16, H01L 25/162, H01L 25/165, H01L 25/167 and H01L 25/18. All groups listed in this Warning should be considered in order to perform a complete search.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New Warning</u>
		should be considered in order to perform a complete search.	Group H10N 59/00 is also impacted by reclassification into group H10B 61/00. All groups listed in this Warning should be considered in order to perform a complete search.
M	H10N69/00	Group H10N 69/00 is incomplete pending reclassification of documents from groups H01L 25/16, H01L 25/162, H01L 25/165, H01L 25/167 and H01L 25/18. All groups listed in this Warning should be considered in order to perform a complete search.	Group H10N 69/00 is incomplete pending reclassification of documents from groups H01L 25/04, H01L 25/065, H01L 25/0652, H01L 25/0655, H01L 25/0657, H01L 25/16, H01L 25/162, H01L 25/165, H01L 25/167 and H01L 25/18. All groups listed in this Warning should be considered in order to perform a complete search.
M	H10N79/00	Group H10N 79/00 is incomplete pending reclassification of documents from groups H01L 25/16, H01L 25/162, H01L 25/165, H01L 25/167, H01L 25/18 and H10B 63/00. All groups listed in this Warning should be considered in order to perform a complete search.	Group H10N 79/00 is incomplete pending reclassification of documents from groups H01L 25/04, H01L 25/065, H01L 25/0652, H01L 25/0655, H01L 25/0657, H01L 25/16, H01L 25/162, H01L 25/165, H01L 25/167, H01L 25/18 and H10B63/00. All groups listed in this Warning should be considered in order to perform a complete search.
M	H10N89/00	Group H10N 89/00 is incomplete pending reclassification of documents from groups H01L 25/16, H01L 25/162, H01L 25/165, H01L 25/167 and H01L 25/18. All groups listed in this Warning should be considered in order to perform a complete search.	Group H10N 89/00 is incomplete pending reclassification of documents from groups H01L 25/04, H01L 25/065, H01L 25/0652, H01L 25/0655, H01L 25/0657, H01L 25/16, H01L 25/162, H01L 25/165, H01L 25/167 and H01L 25/18. All groups listed in this Warning should be considered in order to perform a complete search.

\*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.

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3. REVISION CONCORDANCE LIST (RCL)

<u>Type*</u>	<u>From CPC Symbol (existing)</u>	<u>To CPC Symbol(s)</u>
C	H01L 25/04	H01L 25/04, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00
C	H01L 25/065	H01L 25/065, H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00
C	H01L 25/0652	H01L 25/0652, H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00
C	H01L 25/0655	H01L 25/0655, H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00
C	H01L 25/0657	H01L 25/0657, H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00
C	H01L 25/16	H01L 25/16, H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00
C	H01L 25/162	H01L 25/162, H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00
C	H01L 25/165	H01L 25/165, H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00
C	H01L 25/167	H01L 25/167, H10B 80/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00
C	H01L 25/18	H01L 25/18, H10B 80/00, H10K 19/00, H10K 39/10, H10K 39/12, H10K 39/15, H10K 39/18, H10K 39/601, H10K 39/621, H10K 59/90, H10K 59/95, H10K 65/00, H10N 19/00, H10N 39/00, H10N 59/00, H10N 69/00, H10N 79/00, H10N 89/00

\* 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; D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed.

NOTES:

- Only C, D, F, and Q type entries are included in the table above.
- When multiple symbols are included in the “To” column, do not use ranges of symbols.

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- 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 (“To”) symbol, however it is required to specify “<no transfer>” in the “To” column for such cases.
- RCL is not needed for finalisation projects.