

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1267

DATE: FEBRUARY 1, 2022

PROJECT RP0297-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:	H01M	8/2405, 8/2415, 8/2445, 8/245, 8/246
Warnings Deleted:	H01M	8/0258, 8/026, 8/0267, 8/0271, 8/0273, 8/0276, 8/0297, 8/04223, 8/04225, 8/043, 8/24, 8/2404, 8/2405, 8/241, 8/2415, 8/2418, 8/242, 8/2425, 8/2428, 8/243, 8/2432, 8/2435, 8/244, 8/2445, 8/245, 8/2457, 8/2459, 8/246, 8/2465, 8/2483, 8/2484, 8/2485

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 H01M- PROCESSES OR MEANS, e.g. BATTERIES, FOR THE DIRECT CONVERSION OF CHEMICAL INTO ELECTRICAL ENERGY**

<u>Type*</u>	<u>Symbol</u>	<u>Inden t Level Numb er 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>
D	H01M8/2405	2	{comprising spaced diffusion electrodes or electrode layers with interposed electrolyte layer or electrolyte compartment}	<no transfer>
D	H01M8/2415	3	{External manifolded battery stock}	<no transfer>
D	H01M8/2445	2	{comprising spaced diffusion electrodes or electrode layers with interposed electrolyte compartment with possible electrolyte supply or circulation}	<no transfer>
D	H01M8/245	3	{comprising framed electrodes or intermediary frame-like gaskets}	<no transfer>
D	H01M8/246	2	{having liquid, solid or electrolyte-charged reactants with framed electrodes or intermediary frame-like gaskets}	<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.

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- 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 H01M- PROCESSES OR MEANS, e.g. BATTERIES, FOR THE DIRECT CONVERSION OF CHEMICAL INTO ELECTRICAL ENERGY

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
D	H01M8/0258	Group H01M8/0258 is incomplete pending reclassification of documents from group H01M8/0267 and impacted by reclassification into H01M8/2483. Groups H01M8/0258, H01M8/0267 and H01M8/2483 should be considered in order to perform a complete search.	<u>Delete</u> entire warning
D	H01M8/026	Groups H01M8/026-H01M8/0265 are incomplete pending reclassification of documents from group H01M8/0267. Group H01M8/0267 should be considered when searching any group of the range H01M8/026-H01M8/0265 in order to perform a complete search.	<u>Delete</u> entire warning
D	H01M 8/0267	Group H01M8/0267 is impacted by reclassification into groups H01M8/0258 - H01M8/0265 and H01M8/2483. Group H01M8/0267 should be considered when searching any group of the range H01M8/0258 - H01M8/0265 or group H01M8/2483 in order to perform a complete search.	<u>Delete</u> entire warning
D	H01M 8/0271	Group H01M8/0271 is incomplete pending reclassification of documents from group H01M8/0297. Groups H01M8/0297 and H01M8/0271 should be considered in order to perform a complete search.	<u>Delete</u> entire warning
D	H01M 8/0273	Group H01M8/0273 is incomplete pending	<u>Delete</u> entire warning

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
		reclassification of documents from group H01M 8/0276. Groups H01M8/0276 and H01M8/0273 should be considered in order to perform a complete search.	
D	H01M 8/0276	Group H01M8/0276 is impacted by reclassification into group H01M8/0273. Groups H01M8/0276 and H01M8/0273 should be considered in order to perform a complete search.	<u>Delete</u> entire warning
D	H01M 8/0297	Group H01M8/0297 is impacted by reclassification into group H01M8/0271. Groups H01M8/0297 and H01M8/0271 should be considered in order to perform a complete search.	<u>Delete</u> entire warning
D	H01M 8/04223	Group H01M8/04233 is impacted by reclassification into groups H01M8/04225-H01M8/04228 and H01M8/043-H01M8/04303. Group H01M8/04223 should be considered when searching any group of the ranges H01M 8/04225 - H01M 8/04228 and H01M 8/043-H01M8/04303 in order to perform a complete search.	<u>Delete</u> entire warning
D	H01M8/04225	Groups H01M 8/04225-H01M 8/04228 are incomplete pending reclassification of documents from group H01M 8/04223. Group H01M8/04223 should be considered when searching any group of the range H01M8/04225-H01M8/04228.	<u>Delete</u> entire warning
D	H01M8/043	Groups H01M 8/043-H01M 8/04303 are incomplete pending reclassification of documents from group H01M 8/04223. Group H01M8/04223 should be considered when searching any group of the range H01M8/043-H01M8/04303 in order to perform a complete search..	<u>Delete</u> entire warning

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
D	H01M8/24	Group H01M8/24 is impacted by reclassification into group H01M8/2404. Groups H01M8/24 and H01M8/2404 should be considered in order to perform a complete search.	<u>Delete</u> entire warning
D	H01M8/2404	Group H01M8/2404 is incomplete pending reclassification of documents from groups H01M8/24, H01M8/241, H01M8/242, H01M8/2425, H01M8/243, H01M8/2435, H01M8/244, H01M8/245 and H01M8/246. All groups listed in this warning should be considered when searching H01M 8/2404 to perform a complete search.	<u>Delete</u> entire warning
D	H01M8/2405	Group H01M8/2405 is no longer used for classification of documents as of February 1, 2016. The content of this group is being classified into groups H01M8/2457 and H01M8/2459. Group H01M8/2405 should be considered when searching group H01M8/2457 or H01M8/2459 in order to perform a complete search..	<u>Delete</u> entire warning
D	H01M8/241	Group H01M8/241 is impacted by reclassification into groups H01M8/2404 and H01M8/2418. Groups H01M8/241 should be considered when searching group H01M 8/2404 or group H01M8/2418 in order to perform a complete search.	<u>Delete</u> entire warning
D	H01M8/2415	Group H01M8/2415 is no longer used for classification of documents as of February 1, 2016. The content of this group is being classified into groups H01M8/2484 and H01M8/2485. Group H01M8/2415 should be considered when searching group H01M8/2484 or H01M8/2485.	<u>Delete</u> entire warning
D	H01M8/2418	Groups H01M8/2418 is incomplete pending	<u>Delete</u> entire warning

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
		reclassification of documents from group H01M8/241. H01M8/241 and H01M8/2418 should be considered in order to perform a complete search.	
D	H01M8/242	Group H01M8/242 is incomplete pending reclassification of documents from groups H01M8/245 and H01M8/246, and impacted by reclassification into group H01M8/2404. Groups H01M8/242, H01M8/2404, H01M8/245, and H01M8/246 should be considered in order to perform a complete search.	<u>Delete</u> entire warning
D	H01M8/2425	Group H01M8/2425 is incomplete pending reclassification of documents from groups H01M8/245 and H01M8/246, and impacted by reclassification into groups H01M8/2428, H01M8/2432 and H01M8/2404. Groups H01M8/2425, H01M8/2428, H01M8/2432, H01M8/2404, H01M 8/245 and H01M8/246 should be considered in order to perform a complete search.	<u>Delete</u> entire warning
D	H01M8/2428	Groups H01M8/2428 is incomplete pending reclassification of documents from groups H01M8/2425, H01M8/245 and H01M8/246. Groups H01M 8/2425, H01M8/245, H01M8/246 and H01M8/2428 should be considered in order to perform a complete search.	<u>Delete</u> entire warning
D	H01M8/243	Group H01M8/243 is impacted by reclassification into group H01M8/2404. Groups H01M8/243 and H01M8/2404 should be considered in order to perform a complete search.	<u>Delete</u> entire warning
D	H01M8/2432	Groups H01M8/2432 is incomplete pending reclassification of documents from group H01M8/2425, H01M8/245 and H01M8/246. Groups H01M8/2425,	<u>Delete</u> entire warning

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
		H01M8/245, H01M8/246 and H01M8/2432 should be considered in order to perform a complete search.	
D	H01M 8/2435	Group H01M8/2435 is impacted by reclassification into group H01M8/2404. Groups H01M8/2435 and H01M8/2404 should be considered in order to perform a complete search.	<u>Delete</u> entire warning
D	H01M8/244	Group H01M8/244 is impacted by reclassification into group H01M8/2404. Groups H01M8/244 and H01M8/2404 should be considered in order to perform a complete search.	<u>Delete</u> entire warning
D	H01M8/2445	Group H01M8/2445 is no longer used for classification of documents as of February 1, 2016. The content of this group is being classified into groups H01M8/2457 and H01M8/2459. During reclassification group H01M8/2445 should be considered when searching group H01M8/2457 or H01M8/2459 in order to perform a complete search.	<u>Delete</u> entire warning
D	H01M8/245	Group H01M8/245 is no longer used for classification of documents as of February 1, 2016. The content of this group is being classified into groups H01M8/2404, H01M8/2428, H01M8/2432, H01M8/242 and H01M8/2425. Group H01M8/245 should be considered when searching any of the listed groups of this warning in order to perform a complete search.	<u>Delete</u> entire warning
D	H01M8/2457	Group H01M8/2457 is incomplete pending reclassification of documents from groups H01M8/2405 and H01M8/2445. Groups H01M8/2405, H01M8/2445 and	<u>Delete</u> entire warning

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
		H01M8/2457 should be considered in order to perform a complete search.	
D	H01M8/2459	Group H01M8/2459 is incomplete pending reclassification of documents from groups H01M8/2405 and H01M8/2445. Groups H01M8/2405, H01M8/2445 and H01M8/2459 should be considered in order to perform a complete search.	<u>Delete</u> entire warning
D	H01M8/246	Group H01M8/246 is no longer used for classification of documents as of February 1, 2016. The content of this group is being classified into groups H01M8/2404, H01M8/2428, H01M8/2432, H01M8/242 and H01M8/2425. Group H01M8/246 should be considered when searching any of the listed groups of this warning in order to perform a complete search.	<u>Delete</u> entire warning
D	H01M8/2465	Group H01M8/2465 is impacted by reclassification into group H01M8/2483. Groups H01M8/2465 and H01M8/2483 should be considered in order to perform a complete search.	<u>Delete</u> entire warning
D	H01M 8/2483	Group H01M8/2483 is incomplete pending reclassification of documents from groups H01M8/0258 and H01M8/2465. Groups H01M8/0258, H01M8/2465 and H01M8/2483 should be considered in order to perform a complete search.	<u>Delete</u> entire warning
D	H01M8/2484	Group H01M8/2484 is incomplete pending reclassification of documents from group H01M8/2415 and H01M8/2485. Groups H01M8/2415, H01M8/2485 and H01M8/2484 should be	<u>Delete</u> entire warning

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
		considered in order to perform a complete search.	
D	H01M8/2485	Group H01M8/2485 is incomplete pending reclassification of documents from group H01M8/2415 and impacted by reclassification into group H01M8/2484. Groups H01M8/2415, H01M8/2485 and H01M8/2484 should be considered in order to perform a complete search.	<u>Delete</u> entire warning

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

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

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

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H01M 8/2405		DELETE
H01M 8/2415		DELETE
H01M 8/2445		DELETE
H01M 8/245		DELETE
H01M 8/246		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.