

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 552

DATE: AUGUST 1, 2018

PROJECT RP0222

**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>		
Symbols Deleted:	H05B	3/0028, 3/026
Symbols Deleted Pending Reclassification: (frozen (F))	H05B	3/023
Titles Changed:	H05B	3/0004, 3/0019, 3/0023, 3/0033, 3/0047, 3/009, 3/03, 3/12, 3/14, 3/143, 3/342
Warnings New:	H05B	3/0004, 3/0009, 3/0047, 3/023, 3/143
Definitions (new or modified)	H05B	3/0033, 3/0076, 3/0085, 3/03, 3/12, 3/14, 3/143, 3/342, 3/688

**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)

## CPC NOTICE OF CHANGES 552

DATE: AUGUST 1, 2018

PROJECT RP0222

## 1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)**SUBCLASS H05B- ELECTRIC HEATING; ELECTRIC LIGHTING NOT OTHERWISE PROVIDED FOR**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
E	H05B 3/0004	1	{Devices wherein the heating current flows through the material to be heated (Circuit arrangements for heating by passing the current directly across the material to be heated H05B 3/0023; granular, powdered or fluid material H05B3/60)}	
E	H05B 3/0009	2	{the material to be heated being in motion}	
E	H05B 3/0014	1	{Devices wherein the heating current flows through particular resistances}	
E	H05B 3/0019	1	{Circuit arrangements}	
M	H05B 3/0023	2	{for heating by passing the current directly across the material to be heated}	
D	H05B 3/0028	2	{electrical diagrams for heating by particular resistances}	< Administrative transfer to H05B 3/0019 >
M	H05B 3/0033	1	{Heating devices using lamps}	
E	H05B 3/0047	3	{for semiconductor manufacture}	
U	H05B 3/0085	2	{for medical applications}	
M	H05B 3/009	2	{heating devices not specially adapted for a particular application}	
F	H05B 3/023	2	{the current passing through the material to be heated}	H05B 3/0004, H05B 3/0009
D	H05B 3/026	2	{the current passing through particular resistances}	< Administrative transfer to H05B 3/0014 >
M	H05B 3/03	2	Electrodes	
U	H05B 3/10	1	Heater elements characterised by the composition or nature of the materials or by the arrangement of the conductor (compositions per se see the relevant subclasses)	
M	H05B 3/12	2	characterised by the composition or nature of the conductive material	
M	H05B 3/14	3	the material being non-metallic	
C	H05B 3/143	5	{applied to semiconductors, e.g. wafers heating (H05B 3/0047 takes precedence)}	H05B 3/143, H05B 3/0047
M	H05B 3/342	3	{heaters used in textiles}	

\*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

## CPC NOTICE OF CHANGES 552

DATE: AUGUST 1, 2018

PROJECT RP0222

entries, as determined by intellectual reclassification; E= 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).
- For U groups, the minimum requirement is to include the U group located immediately prior to the N group or N group array, in order to show the N group hierarchy and improve the readability and understanding of the scheme. 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 except “D” which requires only a symbol.
- #“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>” or “<administrative transfer to XX and YY simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be “invention information”, unless otherwise indicated, and to 2000 series groups is assumed to be “additional information”.

CPC NOTICE OF CHANGES 552

DATE: AUGUST 1, 2018

PROJECT RP0222

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

**SUBCLASS H05B- ELECTRIC HEATING; ELECTRIC LIGHTING NOT OTHERWISE PROVIDED FOR**

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
N	H05B 3/0004		Group H05B 3/0004 is incomplete pending reclassification of documents from group H05B 3/023. Groups H05B 3/0004 and H05B 3/023 should be considered in order to perform a complete search.
N	H05B 3/0009		Group H05B 3/0009 is incomplete pending reclassification of documents from group H05B 3/023. Groups H05B 3/023 and H05B3/0009 should be considered in order to perform a complete search.
N	H05B 3/0047		Group H05B 3/0047 is incomplete pending reclassification of documents from group H05B 3/143. Groups H05B 3/0047 and H05B 3/143 should be considered in order to perform a complete search.
N	H05B 3/023		Group H05B 3/023 is no longer used for the classification of documents as of August 1, 2018. The content of this group is being reclassified into groups H05B 3/0004 and H05B 3/0009. Groups H05B 3/023, H05B 3/0004, and H05B 3/0009 should be considered in order to perform a complete search.
N	H05B 3/143		Group H05B 3/143 is impacted by reclassification into group H05B 3/0047. Groups H05B 3/143 and H05B 3/0047 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.

DATE: AUGUST 1, 2018

PROJECT RP0222

## 2. A. DEFINITIONS (new)

**Insert:** The following new definitions.

### H05B 3/0033

#### References

##### *Application-oriented references*

*Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:*

ELECTROTHERAPY; MAGNETOTHERAPY; RADIATION THERAPY; ULTRASOUND THERAPY	<a href="#">A61N</a>
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### H05B 3/0076

#### References

##### *Limiting references*

*This place does not cover:*

Lamps specially adapted for non-metallic cooking plates	<a href="#">H05B 3/742</a> , <a href="#">H05B 3/744</a>
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### H05B 3/0085

#### References

##### *Application-oriented references*

*Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:*

Radiation therapy	<a href="#">A61N 5/00</a>
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DATE: AUGUST 1, 2018

PROJECT RP0222

## H05B 3/03

### References

#### *Informative references*

*Attention is drawn to the following places, which may be of interest for search:*

Electrothermic treatment of ores	<a href="#">C22B 4/00</a>
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## H05B 3/12

### References

#### *Informative references*

*Attention is drawn to the following places, which may be of interest for search:*

Electric conductive compositions characterised by PTC or NTC resistance	<a href="#">H01C 7/02,</a> <a href="#">H01C 7/04</a>
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## H05B 3/14

### References

#### *Informative references*

*Attention is drawn to the following places, which may be of interest for search:*

Non-metallic, non-adjustable resistors	<a href="#">H01C 7/022,</a> <a href="#">H01C 7/042</a>
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DATE: AUGUST 1, 2018

PROJECT RP0222

## H05B 3/143

### References

#### *Limiting references*

*This place does not cover:*

For semi-conductors manufacture	<a href="#">H05B 3/0047</a>
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#### *Application-oriented references*

*Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:*

Apparatus for thermal treatment of semiconductor or solid-state devices or of parts thereof	<a href="#">H01L 21/67098</a>
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## H05B 3/342

### References

#### *Informative references*

*Attention is drawn to the following places, which may be of interest for search:*

Making textile fabrics	<a href="#">D04H</a>
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DATE: AUGUST 1, 2018

PROJECT RP0222

## H05B 3/688

### References

#### *Limiting references*

*This place does not cover:*

Machine tool; metal-working	B23C
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CPC NOTICE OF CHANGES 552

DATE: AUGUST 1, 2018

PROJECT RP0222

3. REVISION CONCORDANCE LIST (RCL)

<b><u>Type*</u></b>	<b><u>From CPC Symbol (existing)</u></b>	<b><u>To CPC Symbol(s)</u></b>
D	H05B 3/0028	<Administrative transfer to H05B 3/0019>
D	H05B 3/026	<Administrative transfer to H05B 3/0014>
F	H05B 3/023	H05B 3/0004, H05B 3/0009
C	H05B 3/143	H05B 3/143, H05B 3/0047

\* 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.

NOTES:

- Only C, D, F and Q type entries are included in the table above.
- When multiple symbols are included in the “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>” or “<administrative transfer to XX and YY simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be “invention information”, unless otherwise indicated, and to 2000 series groups is assumed to be “additional information”.

CPC NOTICE OF CHANGES 552

DATE: AUGUST 1, 2018

PROJECT RP0222

RP0222

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

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H05B 3/0028		DELETE
H05B 3/026		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.
- E and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.