

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 327

DATE: FEBRUARY 1, 2017

PROJECT RP0377

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

<u>Action*</u>	<u>Subclass</u>	<u>Group(s)</u>	
<b>Symbols deleted:</b>	F03D	1/001	
	F03D	1/003	
	F03D	1/005	
	F03D	1/006	
	F03D	1/008	
	F03D	9/001	
	F03D	9/002	
	F03D	9/003	
	F03D	9/005	
	F03D	9/006	
	<b>Symbols newly created:</b>	F03D	9/255
F03D		9/257	
<b>Scheme Warning Notices to be deleted:</b>	F03D	9/001	
	F03D	9/002	
	F03D	9/003	
	F03D	9/005	
	F03D	9/006	
	F03D	9/22	
	F03D	9/25	
	F03D	9/28	
	F03D	13/10	
	F03D	13/22	
	F03D	13/30	
	F03D	13/35	
	F03D	13/40	
	F03D	15/00	
	F03D	15/10	
	F03D	15/15	
	F03D	15/20	
	F03D	80/10	
	F03D	80/20	
	F03D	80/30	
	F03D	80/40	
	F03D	80/50	
	F03D	80/70	
F03D	80/80		
F03D	80/82		
F03D	80/85		
F03D	80/88		

CPC NOTICE OF CHANGES 327

DATE: FEBRUARY 1, 2017

PROJECT RP0377

<u>Action*</u>	<u>Subclass</u>	<u>Group(s)</u>
<b>Scheme Warning Notices to be modified:</b>	F03D	9/00
	F03D	9/10
	F03D	13/20
	F03D	80/00
	F03D	80/55
	H02S	10/12
<b>Scheme Warning Notices to be added:</b>	F03D	9/22
	F03D	9/25
	F03D	9/28
	F03D	9/255
	F03D	9/257
	F03D	80/50

The following subclasses/groups are also impacted by this Notice of Changes (indicate subclasses/groups outside of the project scope, such as those listed in the CRL): B23P, E04H, F05B, H02K

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 Notice(s)
  - C. New, Modified or Deleted Note(s)
  - D. New, Modified or Deleted Guidance Heading(s)
2. DEFINITIONS (New or Modified)
  - A. DEFINITIONS (Full definition template)
  - B. DEFINITIONS (Definitions Quick Fix)
3.  REVISION CONCORDANCE LIST (RCL)
4.  CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)
5.  CROSS-REFERENCE LIST (CRL)

## CPC NOTICE OF CHANGES 327

DATE: FEBRUARY 1, 2017

PROJECT RP0377

## 1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

## SUBCLASS F03D - WIND MOTORS

<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<sup>#</sup></u>
D	F03D 1/001	1	{Assembly thereof (fixing wind engaging part to rotor F03D1/0658); Erecting methods; Equipments therefor (foundations F03D13/22)}	< administrative transfer to F03D 13/10>
D	F03D 1/003	1	{Maintenance or repair; Equipment therefor}	< administrative transfer to F03D 80/50>
D	F03D 1/005	1	{Transport; Equipments therefor}	< administrative transfer to F03D 13/40>
D	F03D 1/006	1	{Commisioning}	< administrative transfer to F03D 13/30>
D	F03D 1/008	2	{Balancing static or dynamic imbalances}	< administrative transfer to F03D 13/35>
D	F03D 9/001	1	{the apparatus being a pump or compressor; Producing under- or overpressure (F03D9/17 takes precedence)}	< administrative transfer to F03D 9/28>
D	F03D 9/002	1	{the apparatus being an electrical generator (F03D9/11 takes precedence; details of electrical generators specifically adapted to wind turbines H02K7/183)}	< administrative transfer to F03D 9/25>
D	F03D 9/003	2	{connected to an electrical general supply grid; Arrangements therefor}	< administrative transfer to F03D 9/255>
D	F03D 9/005	3	{the wind motor being part of a wind farm}	< administrative transfer to F03D 9/257>
D	F03D 9/006	1	{Adaptations for producing heat, e.g. in heat pump systems}	< administrative transfer to F03D 9/22>
C	F03D 9/22	2	the apparatus producing heat	F03D 9/22, H02S10/12
C	F03D 9/25	2	the apparatus being an electrical generator (F03D9/22 takes precedence)	F03D 9/25, H02S10/12
Q	F03D 9/255	3	{connected to an electrical general supply grid; Arrangements therefor}	F03D 9/255, H02S10/12
Q	F03D 9/257	4	{the wind motor being part of a wind farm}	F03D 9/257, H02S10/12
C	F03D 9/28	2	the apparatus being a pump or a compressor	F03D 9/28, H02S10/12
E	F03D 13/10	1	Assembly of wind motors; Arrangements for erecting wind motors	

CPC NOTICE OF CHANGES 327

DATE: FEBRUARY 1, 2017

PROJECT RP0377

<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	F03D 13/30	1	Commissioning, e.g. inspection, testing or final adjustment before releasing for production	
E	F03D 13/35	2	Balancing static or dynamic imbalances	
E	F03D 13/40	1	Arrangements or methods specially adapted for transporting wind motor components	
C	F03D 80/50	1	Maintenance or repair	F03D 80/50, F03D 80/55
E	F03D 80/55	2	Cleaning (F03D80/40 takes precedence)	

\*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; 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 327

DATE: FEBRUARY 1, 2017

PROJECT RP0377

B. New, Modified or Deleted Warning notice(s)**SUBCLASS F03D - WIND MOTORS**

<b><u>Type*</u></b>	<b><u>Location</u></b>	<b><u>Old Warning notice</u></b>	<b><u>New/Modified Warning notice</u></b>
M	F03D9/00	Group F03D 9/00 is impacted by reclassification into groups F03D 9/18, F03D 9/19, F03D 9/20, F03D 9/22, F03D 9/25, F03D 9/28, F03D 9/30, F03D 9/32, F03D 9/34, F03D 9/35, F03D 9/37, F03D 9/39, F03D 9/41, F03D 9/43, F03D 9/45, F03D 9/46, F03D 9/48 and H02S 10/12. All groups listed in this Warning should be considered in order to perform a complete search.	Group F03D9/00 is impacted by reclassification into groups F03D 9/18, F03D 9/19, F03D 9/20, F03D 9/30, F03D 9/32, F03D 9/34, F03D 9/35, F03D 9/37, F03D 9/39, F03D 9/41, F03D 9/43, F03D 9/45, F03D 9/46, F03D 9/48 and H02S 10/12. All groups listed in this Warning should be considered in order to perform a complete search.
D	F03D 9/001	Group F03D9/001 is impacted by reclassification into group H02S10/12. Groups F03D9/001 and H02S10/12 should be considered in order to perform a complete search.	Delete
D	F03D 9/002	Group F03D9/002 is impacted by reclassification into group H02S10/12. Groups F03D9/002 and H02S10/12 should be considered in order to perform a complete search.	Delete
D	F03D 9/003	Group F03D9/003 is impacted by reclassification into group H02S10/12. Groups F03D9/003 and H02S10/12 should be considered in order to perform a complete search.	Delete
D	F03D 9/005	Group F03D9/005 is impacted by reclassification into group H02S10/12. Groups F03D9/005 and H02S10/12 should be considered in order to perform a complete search.	Delete
D	F03D 9/006	Group F03D9/006 is impacted by reclassification into group H02S10/12. Groups F03D9/006 and H02S10/12 should be considered in order to perform a complete search.	Delete
M	F03D9/10	Group F03D 9/10 is impacted by reclassification into groups F03D 9/11, F03D 9/12, F03D 9/13, F03D 9/14, F03D 9/16, F03D 9/17, F03D 9/18, F03D 9/19 and H02S 10/12. All groups listed in this Warning should be considered in order to perform a complete search.	Group F03D 9/10 is impacted by reclassification into groups F03D 9/12, F03D 9/18, F03D 9/19 and H02S 10/12. All groups listed in this Warning should be considered in order to perform a complete search.
D	F03D9/22	Group F03D 9/22 is incomplete pending reclassification of documents	

CPC NOTICE OF CHANGES 327

DATE: FEBRUARY 1, 2017

PROJECT RP0377

<b><u>Type*</u></b>	<b><u>Location</u></b>	<b><u>Old Warning notice</u></b>	<b><u>New/Modified Warning notice</u></b>
		from group F03D 9/00. Groups F03D 9/00 and F03D 9/22 should be considered in order to perform a complete search.	
N	F03D9/22		Group F03D 9/22 is impacted by reclassification into group H02S10/12. Groups F03D 9/22 and H02S10/12 should be considered in order to perform complete search.
D	F03D9/25	Group F03D 9/25 is incomplete pending reclassification of documents from group F03D 9/00. Groups F03D 9/00 and F03D 9/25 should be considered in order to perform a complete search.	
N	F03D9/25		Group F03D 9/25 is impacted by reclassification into group H02S10/12. Groups F03D 9/25 and H02S10/12 should be considered in order to perform complete search
N	F03D9/255		Group F03D 9/255 is impacted by reclassification into group H02S10/12. Groups F03D 9/255 and H02S10/12 should be considered in order to perform complete search
N	F03D9/257		Group F03D 9/257 is impacted by reclassification into group H02S10/12. Groups F03D 9/257 and H02S10/12 should be considered in order to perform complete search
D	F03D9/28	Group F03D 9/28 is incomplete pending reclassification of documents from group F03D 9/00. Groups F03D 9/00 and F03D 9/28 should be considered in order to perform a complete search.	
N	F03D9/28		Group F03D 9/28 is impacted by reclassification into group H02S10/12. Groups F03D 9/28 and H02S10/12 should be considered in order to perform complete search
D	F03D13/10	Group F03D 13/10 is incomplete pending reclassification of documents from group F03D 80/00. Groups F03D 80/00 and F03D 13/10 should be considered in order to perform a complete search.	
M	F03D13/20	Group F03D 13/20 is impacted by reclassification into groups F03D 13/22 and F03D 13/25.	Group F03D 13/20 is impacted by reclassification into group F03D 13/25.

CPC NOTICE OF CHANGES 327

DATE: FEBRUARY 1, 2017

PROJECT RP0377

<b><u>Type*</u></b>	<b><u>Location</u></b>	<b><u>Old Warning notice</u></b>	<b><u>New/Modified Warning notice</u></b>
		All groups listed in this Warning should be considered in order to perform a complete search.	Groups F03D13/20 and F03D13/25 should be considered in order to perform a complete search.
D	F03D13/22	Group F03D 13/22 is incomplete pending reclassification of documents from group F03D 13/20. Groups F03D 13/20 and F03D 13/22 should be considered in order to perform a complete search.	
D	F03D13/30	Group F03D 13/30 is incomplete pending reclassification of documents from group F03D 80/00. Groups F03D 80/00 and F03D 13/30 should be considered in order to perform a complete search.	
D	F03D13/35	Group F03D 13/30 is incomplete pending reclassification of documents from group F03D 80/00. Groups F03D 80/00 and F03D 13/30 should be considered in order to perform a complete search.	
D	F03D13/40	Group F03D 13/40 is incomplete pending reclassification of documents from group F03D 80/00. Groups F03D 80/00 and F03D 13/40 should be considered in order to perform a complete search.	
D	F03D15/00	Group F03D 15/00 is impacted by reclassification into groups F03D 15/10, F03D 15/15 and F03D 15/20. All groups listed in this Warning should be considered in order to perform a complete search	
D	F03D15/10	Group F03D 15/10 is incomplete pending reclassification of documents from group F03D 15/00. Groups F03D 15/00 and F03D 15/10 should be considered in order to perform a complete search	
D	F03D15/15	Group F03D 15/15 is incomplete pending reclassification of documents from group F03D 15/00. Groups F03D 15/00 and F03D 15/15 should be considered in order to perform a complete search.	
D	F03D15/20	Group F03D 15/20 is incomplete pending reclassification of documents from group F03D 15/00.	

CPC NOTICE OF CHANGES 327

DATE: FEBRUARY 1, 2017

PROJECT RP0377

<b><u>Type*</u></b>	<b><u>Location</u></b>	<b><u>Old Warning notice</u></b>	<b><u>New/Modified Warning notice</u></b>
		Groups F03D 15/00 and F03D 15/20 should be considered in order to perform a complete search.	
M	F03D 80/00	Group F03D 80/00 is impacted by reclassification into groups F03D 13/00, F03D 13/10, F03D 13/30, F03D 13/35, F03D 13/40, F03D 17/00, F03D 80/10, F03D 80/20, F03D 80/30, F03D 80/40, F03D 80/50, F03D 80/55, F03D 80/60, F03D 80/70, F03D 80/80, F03D 80/82, F03D 80/85 and F03D 80/88. All groups listed in this Warning should be considered in order to perform a complete search.	Group F03D 80/00 is impacted by reclassification into groups F03D 13/00 and F03D80/60. All groups listed in this Warning should be considered in order to perform a complete search.
D	F03D80/10	Group F03D 80/10 is incomplete pending reclassification of documents from group F03D 80/00. Groups F03D 80/00 and F03D 80/10 should be considered in order to perform a complete search.	
D	F03D80/20	Group F03D 80/20 is incomplete pending reclassification of documents from group F03D 80/00. Groups F03D 80/00 and F03D 80/20 should be considered in order to perform a complete search	
D	F03D80/30	Group F03D 80/30 is incomplete pending reclassification of documents from group F03D 80/00. Groups F03D 80/00 and F03D 80/30 should be considered in order to perform a complete search.	
D	F03D80/40	Group F03D 80/40 is incomplete pending reclassification of documents from group F03D 80/00. Groups F03D 80/00 and F03D 80/40 should be considered in order to perform a complete search.	
D	F03D 80/50	Group F03D80/50 is incomplete pending reclassification of documents from group F03D80/00. Groups F03D80/00 and F03D80/50 should be considered in order to perform a complete search.	
N	F03D 80/50		Group F03D 80/50 is impacted by reclassification into group F03D 80/55. Groups F03D 80/50 and F03D 80/55 should be considered in order to perform a complete search.
M	F03D 80/55	Group F03D80/55 is incomplete pending reclassification of documents from group F03D80/00. Groups F03D80/00 and	Group F03D 80/55 is incomplete pending reclassification of documents from group F03D 80/50. Groups F03D 80/50 and F03D 80/55 should be



CPC NOTICE OF CHANGES 327

DATE: FEBRUARY 1, 2017

PROJECT RP0377

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
		F03D80/55 should be considered in order to perform a complete search.	considered in order to perform a complete search.
D	F03D80/70	Group F03D 80/70 is incomplete pending reclassification of documents from group F03D 80/00. Groups F03D 80/00 and F03D 80/70 should be considered in order to perform a complete search.	
D	F03D80/80	Group F03D 80/80 is incomplete pending reclassification of documents from group F03D 80/00. Groups F03D 80/00 and F03D 80/80 should be considered in order to perform a complete search	
D	F03D80/82	Group F03D 80/82 is incomplete pending reclassification of documents from group F03D 80/00. Groups F03D 80/00 and F03D 80/82 should be considered in order to perform a complete search	
D	F03D80/85	Group F03D 80/85 is incomplete pending reclassification of documents from group F03D 80/00. Groups F03D 80/00 and F03D 80/85 should be considered in order to perform a complete search.	
D	F03D80/88	Group F03D 80/88 is incomplete pending reclassification of documents from group F03D 80/00. Groups F03D 80/00 and F03D 80/88 should be considered in order to perform a complete search	

**SUBCLASS H02S - GENERATION OF ELECTRIC POWER BY CONVERSION OF INFRA-RED RADIATION, VISIBLE LIGHT OR ULTRAVIOLET LIGHT...**

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
M	H02S 10/12	Group H02S10/12 is incomplete pending reclassification of documents from groups F03D9/00, F03D9/001, F03D9/002, F03D9/003, F03D9/005, F03D9/006, F03D9/007, F03D9/008, F03D9/10, F03D9/11, F03D9/13, F03D9/14, F03D9/16 and F03D9/17. All groups listed in this Warning should be considered in order to perform a complete search.	Group H02S10/12 is incomplete pending reclassification of documents from groups F03D9/00, F03D9/007, F03D9/008, F03D9/10, F03D9/11, F03D9/13, F03D9/14, F03D9/16, F03D9/17, F03D 9/22, F03D 9/25, F03D 9/255, F03D 9/257 and F03D 9/28. 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

CPC NOTICE OF CHANGES 327

DATE: FEBRUARY 1, 2017

PROJECT RP0377

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.

## CPC NOTICE OF CHANGES 327

DATE: FEBRUARY 1, 2017

PROJECT RP0377

## 3. REVISION CONCORDANCE LIST (RCL)

<b>Type*</b>	<b>From CPC Symbol (existing)</b>	<b>To CPC Symbol(s)</b>
D	F03D 1/001	< administrative transfer to F03D 13/10>
D	F03D 1/003	< administrative transfer to F03D 80/50>
D	F03D 1/005	< administrative transfer to F03D 13/40>
D	F03D 1/006	< administrative transfer to F03D 13/30>
D	F03D 1/008	< administrative transfer to F03D 13/35>
D	F03D 9/001	< administrative transfer to F03D 9/28>
D	F03D 9/002	< administrative transfer to F03D 9/25>
D	F03D 9/003	< administrative transfer to F03D 9/255>
D	F03D 9/005	< administrative transfer to F03D 9/257>
D	F03D 9/006	< administrative transfer to F03D 9/22>
C	F03D 9/22	F03D 9/22, H02S10/12
C	F03D 9/25	F03D 9/25, H02S10/12
Q	F03D 9/255	F03D 9/255, H02S10/12
Q	F03D 9/257	F03D 9/257, H02S10/12
C	F03D 9/28	F03D 9/28, H02S10/12
C	F03D 80/50	F03D 80/50, F03D 80/55

\* 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 327

DATE: FEBRUARY 1, 2017

PROJECT RP0377

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

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
F03D 1/001		DELETE
F03D 1/003		DELETE
F03D 1/005		DELETE
F03D 1/006		DELETE
F03D 1/008		DELETE
F03D 9/001		DELETE
F03D 9/002		DELETE
F03D 9/003		DELETE
F03D 9/005		DELETE
F03D 9/006		DELETE
F03D 9/255	F03D 9/25	NEW
F03D 9/257	F03D 9/25	NEW

\*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.

CPC NOTICE OF CHANGES 327

DATE: FEBRUARY 1, 2017

PROJECT RP0377

5. CROSS-REFERENCE LIST (CRL)

Scheme references impacted by this revision project

<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Action; New reference symbol; New text</u>
F03D 1/065	F03D 1/001	F03D 13/10
F05B 2260/02	F03D 1/005	F03D 13/40
H02K 7/183	F03D 9/002	F03D 9/25

Definitions references impacted by this revision project

<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Section of definition</u>	<u>Action; New reference symbol; New text</u>
B23P 6/002	F03D 1/003	Limiting references	F03D 80/50
B23P 6/045	F03D 1/003	Limiting references	F03D 80/50
E04H 12/34	F03D 1/001	Limiting references	F03D 13/10
H02K 7/183	F03D 9/002	Informative references	F03D 9/25
H02K 7/183	F03D 9/002	Special rules of classification (Second paragraph)	F03D 9/25
H02K 7/183	F03D 9/002	Special rules of classification (Last paragraph)	F03D 9/25

NOTES:

- The CRL tables above are used for changes to locations outside of the project scope. Changes to references in scheme titles or definitions inside the project scope will be reflected in the “scheme change” template or one of the “definition” templates.
- In addition to other changes proposed in the tables above, in the column titled “Referenced subclass or group to be changed,” **referenced** D symbols should indicate an action of “delete” or should indicate a replacement symbol and **referenced** F symbols should indicate a replacement symbol.
- When a reference is deleted, text related to that reference will also be deleted unless other references or a range of references associated with the same text remain.