

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1014

DATE: JANUARY 1, 2021

PROJECT RP0446

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Symbols New:	B41J	11/0021, 11/00212, 11/00214, 11/00216, 11/00218, 11/0022, 11/00222, 11/00224, 11/0024, 11/00242, 11/00244
Titles Changed	B41J	11/00, 11/0005, 11/001, 11/0015, 11/002
Warnings New:	B41J	11/002, 11/0021, 11/0022, 11/0024
DEFINITIONS:		
Definitions New:	B41J	11/0021
Definitions Modified:	B41J	11/00, 11/0005

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 B41J – TYPEWRITERS; SELECTIVE PRINTING MECHANISMS, {e.g. INK-JET PRINTERS, THERMAL PRINTERS}, i.e. MECHANISMS PRINTING OTHERWISE THAN FROM A FORME; CORRECTION OF TYPROGRAPHICAL ERRORS

<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>
M	B41J 11/00	0	Devices or arrangements {of selective printing mechanisms, e.g. ink-jet printers, thermal printers,} for supporting or handling copy material in sheet or web form (specially adapted for supporting or handling copy material in short lengths B41J 13/00; in continuous form B41J 15/00; holders for text to be copied B41J 29/00)	
M	B41J 11/0005	1	{Curl smoothing, i.e. smoothing down corrugated printing material, e.g. by pressing means acting on wrinkled printing material}	
M	B41J 11/001	1	{Handling wide copy materials}	
M	B41J 11/0015	1	{for treating before, during or after printing or for uniform coating or laminating the copy material before or after printing (selective coating B41J 2/2114)}	
C	B41J 11/002	2	{Curing or drying the ink on the copy materials, e.g. by heating or irradiating}	B41J 11/002 B41J 11/0021 B41J 11/00212 B41J 11/00214 B41J 11/00216 B41J 11/00218 B41J 11/0022 B41J 11/00222 B41J 11/00224 B41J 11/0024 B41J 11/00242 B41J 11/00244
N	B41J 11/0021	3	{using irradiation}	
N	B41J 11/00212	4	{Controlling the irradiation means, e.g. image-based controlling of the irradiation zone or control of the duration or intensity of the irradiation}	
N	B41J 11/00214	4	{using UV radiation}	
N	B41J 11/00216	4	{using infrared [IR] radiation or microwaves}	
N	B41J 11/00218	4	{Constructional details of the irradiation means, e.g. radiation source attached to reciprocating print head assembly or shutter means provided on the radiation source}	

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<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>
N	B41J 11/0022	3	{using convection means, e.g. by using a fan for blowing or sucking air}	
N	B41J 11/00222	4	{Controlling the convection means}	
N	B41J 11/00224	4	{comprising movable shutters, e.g. for redirection of an air flow}	
N	B41J 11/0024	3	{using conduction means, e.g. by using a heated platen}	
N	B41J 11/00242	4	{Controlling the temperature of the conduction means}	
N	B41J 11/00244	4	{Means for heating the copy materials before or during printing}	

*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 B41J – TYPEWRITERS; SELECTIVE PRINTING MECHANISMS, {e.g. INK-JET PRINTERS, THERMAL PRINTERS}, i.e. MECHANISMS PRINTING OTHERWISE THAN FROM A FORME; CORRECTION OF TYPROGRAPHICAL ERRORS

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	B41J 11/002		Group B41J 11/002 is impacted by reclassification into groups B41J 11/0021, B41J 11/00212, B41J 11/00214, B41J 11/00216, B41J 11/00218, B41J 11/0022, B41J 11/00222, B41J 11/00224, B41J 11/0024, B41J 11/00242, and B41J 11/00244. All groups listed in this Warning should be considered in order to perform a complete search.
N	B41J 11/0021		Groups B41J 11/0021 - B41J 11/00218 are incomplete pending reclassification of documents from group B41J 11/002. All groups listed in this Warning should be considered in order to perform a complete search.
N	B41J 11/0022		Groups B41J 11/0022 - B41J 11/00224 are incomplete pending reclassification of documents from group B41J 11/002. All groups listed in this Warning should be considered in order to perform a complete search.
N	B41J 11/0024		Groups B41J 11/0024 - B41J 11/00244 are incomplete pending reclassification of documents from group B41J 11/002. 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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2. A. DEFINITIONS (New)

Insert the following new definition.

B41J11/0021

Informative references

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

Methods of after-treatment of prints using UV radiation	B41M7/0081
Methods of after-treatment of prints using IR radiation	B41M7/009

2. A. DEFINITIONS (Modified)

B41J 11/00

Limiting references

Insert: The following new row in the existing Limiting references table.

Holders for text to be copied	B41J 29/00
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Informative references

Insert: The following two new rows in the existing Informative references table.

Handling sheets or webs in general	B65H
Apparatus for electrographic processes using a charge pattern, e.g. copying machines	G03G15/00

B41J11/0005

Informative references

Insert: The following new row in the existing Informative references table.

Means for tensioning webs in general	B41J15/16
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3. REVISION CONCORDANCE LIST (RCL)

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
C	B41J 11/002	B41J 11/002, B41J 11/0021, B41J 11/00212, B41J 11/00214, B41J 11/00216, B41J 11/00218, B41J 11/0022, B41J 11/00222, B41J 11/00224, B41J 11/0024, B41J 11/00242, B41J 11/00244

* 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.
- 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.

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

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
B41J 11/0021	B41J 11/00	NEW
B41J 11/00212	B41J 11/00	NEW
B41J 11/00214	B41J 11/00	NEW
B41J 11/00216	B41J 11/00	NEW
B41J 11/00218	B41J 11/00	NEW
B41J 11/0022	B41J 11/00	NEW
B41J 11/00222	B41J 11/00	NEW
B41J 11/00224	B41J 11/00	NEW
B41J 11/0024	B41J 11/00	NEW
B41J 11/00242	B41J 11/00	NEW
B41J 11/00244	B41J 11/00	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.
- T and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.