

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1549

DATE: MAY 1, 2024

PROJECT MP12028

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Titles Changed:	D21F	1/10, 1/36, 1/68, 2/00
DEFINITIONS:		
Definitions Modified:	D21F	1/0045, 1/02, 1/10, 1/36, 1/48, 2/00, 5/02, 5/12, 5/18, 7/008, 9/00, 9/006, 11/04

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 D21F - PAPER-MAKING MACHINES; METHODS OF PRODUCING PAPER THEREON

<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	D21F 1/10	1	Wire-cloths	
M	D21F 1/36	1	Guiding mechanisms	
M	D21F 1/68	2	using hydrocyclones	
M	D21F 2/00	0	Transferring continuous webs from wet ends to press sections	

*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>.

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- 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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2. A. DEFINITIONS (modified)

D21F 1/0045

Definition statement

Replace: The existing Definitions statement text with the following revised text:

Fabrics comprising two separate layers (paper side layer and machine side layer) and a system of binding yarns interconnecting said layers. The binding yarns can also contribute to the forming of the paper side layer (known as sheet support binding [SSB]).

References

Delete: The entire Limiting references section.

Informative references

Insert: The following new table row into the existing Informative references table:

Paper making felts	D21F 7/08
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D21F 1/02

Definition statement

Replace: The existing Definition statement text with the following revised text:

Head boxes for Fourdrinier, gap former, twin-wire former or hybrid former machines.

References

Delete: The entire Limiting references section.

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Informative references

Insert: The following new table row into the existing Informative references table:

Headboxes of paper machines suitable only for cylinder machines	D21F 1/04
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D21F 1/10

Insert: The following new References/Informative references section:

References

Informative references

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

Production of wire-cloths	B21F
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D21F 1/36

Definition statement

Replace: The existing Definition statement text with the following revised text:

Wire or screen guiding mechanisms including air curtains, guide rolls, stretching rolls or spreading rolls for the wire or screen.

References

Delete: The entire Limiting references section.

Informative references

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

Suction rolls	D21F 3/10
Controlled deflection rolls	D21G 1/0206

D21F 1/48

Definition statement

Replace: The existing Definition statement text with the following revised text:
Suction apparatus in general, including those that perform regulation, steam application by suction, removal of water, suction on both sides of the screen or wire, or dewatering by change of direction or centrifugal effect.

Insert: The following new References/Limiting references section:

References

Limiting references

This place does not cover:

Suction rolls, e.g. couch rolls	D21F 3/10
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D21F 2/00

Delete: The entire Definition statement.

References

Delete: The entire Limiting references section.

Insert: The following new Informative references section:

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Informative references

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

Handling webs in general	B65H
Transfer belts, bands, felts or fabrics	D21F 7/086

D21F 5/02

References

Delete: The entire Limiting references section.

Insert: The following new Informative references section:

Informative references

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

Drying webs by hot air on a Yankee dryer	D21F 5/181
Drying webs by hot air through perforated cylinders	D21F 5/182

D21F 5/12

Definition statement

Replace: The existing Definition statement text with the following revised text:

Drying paper webs on loops formed by a series of rods.

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D21F 5/18

Delete: The entire Definition statement.

References

Delete: The entire Limiting references section.

Insert: The following new Informative references section:

Informative references

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

Drying on two or more cylinders using air hoods over the cylinder for making continuous webs of paper	D21F 5/044
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D21F 7/008

References

Delete: The entire Limiting references section.

Insert: The following new Informative references section:

Informative references

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

Web conditioning devices in calenders	D21G 1/0093
Damping devices	D21G 7/00

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D21F 9/00

Definition statement

Replace: The existing Definition statement text with the following revised text:
Complete machines (i.e. at least two sections combined) for making paper or for producing air-laid webs.

References

Delete: The entire Limiting references section.

Insert: The following new Informative references section:

Informative references

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

Apparatus for glaze-coating paper webs	D21G 9/009
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D21F 9/006

References

Delete: The entire Limiting references section.

Insert: The following new Informative references section:

Informative references

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

Processes for making continuous lengths of paper, cardboard, or of wet web for fibre board production, on paper-making machines	D21F 11/00
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D21F 11/04

References

Delete: The entire Limiting references section.

Insert: The following new Informative references section:

Informative references

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

Processes for making continuous lengths of paper, cardboard, or of wet web for fibre board production, on paper-making machines	D21F 11/00
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