EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1706

DATE: JANUARY 1, 2025

PROJECT RP12370

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

Action	Subclass	Group(s)
SCHEME:		
Symbols Deleted:	A21D	4/00
Titles Changed:	A21D	SUBCLASS
	A21D	6/00, 6/005
	A21D	15/00, 15/02, 15/04, 15/06, 15/08
Warnings New:	A21D	6/00, 6/001, 6/003, 6/005, 6/006, 6/008
	A21D	15/00, 15/02, 15/04, 15/06, 15/08
DEFINITIONS:		
Definitions Modified:	A21D	SUBCLASS
	A21D	6/00, 6/003, 6/005
		15/00, 15/02, 15/04, 15/06, 15/08
		17/00

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): A01F, A21C, A23L, G21H

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)

1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

SUBCLASS A21D - TREATMENT, e.g. PRESERVATION, OF FLOUR OR DOUGH, e.g. BY ADDITION OF MATERIALS; BAKING; BAKERY PRODUCTS; PRESERVATION THEREOF

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
M	A21D	Subclass	TREATMENT OF FLOUR OR DOUGH FOR BAKING, e.g. BY ADDITION OF MATERIALS; BAKING; BAKERY PRODUCTS (preservation of flour or dough before baking A23B40/00; preservation of bakery products A23B45/00)	
U	A21D2/02	1	by adding inorganic substances	
D	A21D4/00	0	Preserving flour or dough before baking by storage in an inert atmosphere	<administrative transfer to A23B40/60>
C	A21D6/00	0	Other treatment of flour or dough before baking, e.g. cooling, irradiating or heating (preservation of flour or dough before baking A23B40/00)	A21D6/00, A23B40/00, A23B40/10, A23B40/30, A23B40/50
C	A21D6/001	1	{Cooling}	A21D6/001, A23B40/10
C	A21D6/003	1	{Heat treatment}	A21D6/003, A23B40/30
C	A21D6/005	1	{Irradiation (irradiation of foodstuffs A23B2/50)}	A21D6/005, A23B40/50
C	A21D6/006	1	{Agglomeration of flour}	A21D6/006, A23B40/00
C	A21D6/008	1	{Freeze-drying}	A21D6/008, A23B40/00
U	A21D13/80	1	Pastry not otherwise provided for elsewhere, e.g. cakes, biscuits or cookies	
C	A21D15/00	0	Improving finished{, partly finished or par-baked} bakery products (refreshing bakery products A21D17/00)	A21D15/00, A23B45/00
C	A21D15/02	1	by cooling{, e.g. refrigeration or freezing}	A21D15/02, A23B45/10
C	A21D15/04	1	by heat treatment	A21D15/04, A23B45/30
C	A21D15/06	1	by irradiation	A21D15/06, A23B45/50
C	A21D15/08	1	by coating	A21D15/08, A23B45/70

*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 <u>subclasses</u>, 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} <u>are</u> 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 <u>must</u> 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 finalization 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.

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

SUBCLASS A21D - TREATMENT, e.g. PRESERVATION, OF FLOUR OR DOUGH, e.g. BY ADDITION OF MATERIALS; BAKING; BAKERY PRODUCTS; PRESERVATION THEREOF

Type*	Location	Old Warning notice	New/Modified Warning
N	A21D6/00		Group A21D6/00 is impacted by reclassification into groups A23B40/00 - A23B40/50. Groups A21D6/00 and A23B40/00 - A23B40/50 should be considered in order to perform a complete search.
N	A21D6/001		Group A21D6/001 is impacted by reclassification into group A23B40/10. Groups A21D6/001 and A23B40/10 should be considered in order to perform a complete search.
N	A21D6/003		Group A21D6/003 is impacted by reclassification into group A23B40/30. Groups A21D6/003 and A23B40/30 should be considered in order to perform a complete search.
N	A21D6/005		Group A21D6/005 is impacted by reclassification into group A23B40/50. Groups A21D6/005 and A23B40/50 should be considered in order to perform a complete search.
N	A21D6/006		Group A21D6/006 is impacted by reclassification into group A23B40/00. Groups A21D6/006 and A23B40/00 should be considered in order to perform a complete search.
N	A21D6/008		Group A21D6/008 is impacted by reclassification into group A23B40/00. Groups A21D6/008 and A23B40/00 should be considered in order to perform a complete search.
N	A21D15/00		Group A21D15/00 is impacted by reclassification into group A23B45/00. Groups A21D15/00 and A23B45/00 should be considered in order to perform a complete search.
N	A21D15/02		Group A21D15/02 is impacted by reclassification into group A23B45/10. Groups A21D15/02 and A23B45/10 should be considered in order to perform a complete search.
N	A21D15/04		Group A21D15/04 is impacted by reclassification into group A23B45/30. Groups A21D15/04 and A23B45/30 should be considered in order to perform a complete search.

N	A21D15/06		Group A21D15/06 is impacted by reclassification into group A23B45/50. Groups A21D15/06 and A23B45/50 should be considered in order to perform a complete search.
N	A21D15/08		Group A21D15/08 is impacted by reclassification into group A23B45/70. Groups A21D15/08 and A23B45/70 should be considered in order to perform a complete search.

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

2. A. DEFINITIONS (modified)

A21D

Replace: The existing Definition statement with the following updated statement.

Definition statement

- Treatment of flour or dough, e.g. by addition of materials;
- Methods for preparing dough or for baking;
- Batters;
- Doughs or mixtures before baking;
- Baking;
- Bakery products.

Replace: The existing Relationships text with the following updated text.

Relationships with other classification places

Pasta is classified in A23L7/109.

Snacks or chips are classified in A23L7/117.

Cereal granules or flakes to be cooked and eaten hot are classified in A23L7/143.

Farinaceous granules for dressing meat, fish or the like are classified in A23L7/157.

Ready-to-eat cereals are classified in A23L7/161.

Preservation of flour or dough, e.g. by storage in an inert atmosphere are classified in A23B40/60.

Insert: The following new Limiting references section.

Limiting references

This place does not cover:

| Preservation of flour or dough before baking | A23B40/00 |
| Preservation of bakery products | A23B45/00 |

A21D6/00

Delete: The extra "e" in "Treatement", so that the updated Definition statement appears as follows.

Definition statement

Treatment of flour or dough before baking or pre-baking.

Replace: The existing Relationships text with the following updated text.

Relationships with other classification places

Treatment of grains is classified in B02B and B02C.

Insert: The following new Limiting references section.

Limiting references

This place does not cover:

| Preservation of flour or dough before baking | A23B40/00 |

A21D6/003

Replace: The existing Definition statement with the following updated statement.

Definition statement

- Special heat treatment step of flour or dough, before baking or pre-baking (this is not a baking step or a step of the baking process);
- Browning flour;
- Caramelized flour;
- Cooking/proofing dough with IR;
- Pre-heating dough ingredients before mixing;
- Sterilisation/pasteurisation of flour;
- Microwave/heat treatment of flour/cereals substances.

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:

Baking or pre-baking of dough	A21D8/06

A21D6/005

Replace: The existing Definition statement with the following updated statement.

Definition statement

- Irradiation of flour or dough, before baking step;
- Radio-frequency/high-frequency treatment;
- Ultrasonic treatment;
- UV/IR treatment;
- Gamma-irradiation of flour;
- Sterilisation with microwave.

References

<u>Replace</u>:   The existing Limiting references table with the following updated table.

Limiting references

Irradiation of foodstuffs	A23B2/50

<u>Replace</u>:   The existing Informative references table with the following updated table.

Informative references

Improving finished, partly finished or par-baked bakery products by irradiation	A21D15/06
Physical treatment of food or foodstuffs, e.g. by irradiation	A23L5/30

A21D15/00

<u>Delete</u>:   The existing Definition statement.

References

<u>Replace</u>:   The existing Limiting references text with the following updated text.

Limiting references

Refreshing bakery products	A21D17/00

<u>Replace</u>:   The existing Informative references table with the following updated table.

Informative references

Treatment of flour or dough before baking, e.g. cooling, irradiating or heating	A21D6/00
Preservation of foods or foodstuffs in general	A23B2/00
Preservation of finished bakery products	A23B45/00
Packaging or wrapping bakery products	B65B

| Packaging biscuits | B65B23/10 |
| Packaging bread or like bakery products, e.g. unsliced loaves | B65B25/16 |

A21D15/02

Replace: The existing Definition statement with the following updated statement.

Definition statement

- Refrigerating or freezing baked or pre-baked bakery products;
- Special step of cooling baked or pre-baked bakery products;
- Vacuum cooling;
- Cooling with different steps after baking.

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:

| Cooling flour, raw dough or batters | A21D6/001 |

A21D15/04

Replace: The existing Definition statement with the following updated statement.

Definition statement

- Heat treatment of baked or pre-baked bakery products (after normal baking);
- Pasteurisation or sterilisation of baked or pre-baked products, eventually within packaging.

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:

Heat treatment of flour or dough	A21D6/003
Baking of dough (with special characteristics)	A21D8/06

A21D15/06

Replace: The existing Definition statement with the following updated statement.

Definition statement

- Irradiation of pre-baked or baked bakery products (after baking);
- Gamma-irradiation, microwave irradiation, ionising irradiation, laser irradiation, IR or UV irradiation.

A21D15/08

Replace: The existing Definition statement with the following updated statement.

Definition statement

Coating or treating baked or pre-baked bakery products with microbiocidal agents or protective films or other means.

References

Delete: The entire Limiting references section.

Insert: The following new Informative references table.

Informative references

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

Coating with food composition	A21D13/20
Preservation of finished bakery products by coating	A23B45/70

A21D17/00

Insert: A period at the end of the Definition statement so that the updated
statement appears as follows.

Definition statement

Refreshing or recycling baked or pre-baked bakery products.

References

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

Informative references

Preservation of bakery products	A23B45/00

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3.   REVISION CONCORDANCE LIST (RCL)

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	A21D4/00	<administrative transfer to A23B40/60>
C	A21D6/00	A21D6/00, A23B40/00, A23B40/10, A23B40/30, A23B40/50
C	A21D6/001	A21D6/001, A23B40/10
C	A21D6/003	A21D6/003, A23B40/30
C	A21D6/005	A21D6/005, A23B40/50
C	A21D6/006	A21D6/006, A23B40/00
C	A21D6/008	A21D6/008, A23B40/00
C	A21D15/00	A21D15/00, A23B45/00
C	A21D15/02	A21D15/02, A23B45/10
C	A21D15/04	A21D15/04, A23B45/30
C	A21D15/06	A21D15/06, A23B45/50
C	A21D15/08	A21D15/08, A23B45/70

* 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.

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

CPC	IPC	Action*
A21D4/00		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.

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5. CROSS-REFERENCE LIST (CRL)

Definitions references impacted by this revision project

Location of reference to be changed	Referenced subclass or group to be changed	Section of definition	Action; New reference symbol; New text
A01F	A21D4/00	Informative references - Storing	Replace entire row: Preservation of flour or dough before baking by storage in an inert atmosphere A23B40/60
A21C	A21D	Limiting references	Replace existing text with the following new text: Dough and dough or bakery products as such, e.g. chemical treatment or recipes
A21C1/00	A21D	Informative references	Replace existing text with the following new text: Treatment of flour or dough for baking, e.g. by addition of materials; Baking; Bakery products
A23L5/00	A21D	Definition statement	Replace entire row (first bullet point): A21D (Treatment, e.g. improvement, of flour or dough for baking, e.g. by addition of materials; Baking; Bakery products)
G21H5/00	A21D15/06	References out of a residual place	Replace existing text with the following new text: Improving finished bakery products by irradiation

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.