

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1710

DATE: JANUARY 1, 2025

PROJECT MP12337

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:	B23G	1/30
	D03D	45/20
	D21H	5/0077
	F16N	7/00
	G03B	23/02, 23/042, 23/044
	G07D	11/24
Notes New:	F41B	SUBCLASS
Notes Modified:	F41	CLASS
	D21H	SUBCLASS
DEFINITIONS:		
Definitions New:	B23G	1/30
	D21H	5/0077
Definitions Modified:	A01K	SUBCLASS
	A01K	5/00
	A47J	SUBCLASS
	A47J	27/00
	A61D	SUBCLASS
	C11B	13/02
	D21C	SUBCLASS
	D21D	SUBCLASS
	D21H	SUBCLASS
	E04H	6/00
	F16N	SUBCLASS
	F16N	7/00
	G06Q	10/00, 10/08, 30/00, 30/0216, 40/00

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)

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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 B23G - THREAD CUTTING; WORKING OF SCREWS, BOLT HEADS, OR NUTS, IN CONJUNCTION THEREWITH

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> “CPC only” text should normally be enclosed in {curly brackets}**	<u>Transferred to#</u>
M	B23G1/30	2	without means for adjusting the threading tool, e.g. with die-stocks (tap wrenches B25B)	

SUBCLASS D03D - WOVEN FABRICS; METHODS OF WEAVING; LOOMS

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> “CPC only” text should normally be enclosed in {curly brackets}**	<u>Transferred to#</u>
M	D03D45/20	1	Changing bobbins, cops or other loom components carried by the shuttle	

SUBCLASS D21H - PULP COMPOSITIONS; PREPARATION THEREOF NOT COVERED BY SUBCLASSES D21C OR D21D; IMPREGNATING OR COATING OF PAPER; TREATMENT OF FINISHED PAPER NOT COVERED BY CLASS B31 OR SUBCLASS D21G; PAPER NOT OTHERWISE PROVIDED FOR

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> “CPC only” text should normally be enclosed in {curly brackets}**	<u>Transferred to#</u>
M	D21H5/0077	1	{Transparent papers, e.g. paper treated with transparent-rendering compositions or glassine paper prepared from well-hydrated paper stock}	

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SUBCLASS F16N - LUBRICATING

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of</u> <u>dots (e.g. 0, 1,</u> <u>2)</u>	<u>Title</u> <u>“CPC only” text should normally be</u> <u>enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	F16N7/00	0	Arrangements for supplying oil or unspecified lubricant from a stationary reservoir or the equivalent in or on the machine or member to be lubricated	

SUBCLASS G03B - APPARATUS OR ARRANGEMENTS FOR TAKING PHOTOGRAPHS OR FOR PROJECTING OR VIEWING THEM; APPARATUS OR ARRANGEMENTS EMPLOYING ANALOGOUS TECHNIQUES USING WAVES OTHER THAN OPTICAL WAVES; ACCESSORIES THEREFOR

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of</u> <u>dots (e.g. 0, 1,</u> <u>2)</u>	<u>Title</u> <u>“CPC only” text should normally be</u> <u>enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	G03B23/02	1	in which pictures are removed from, and returned to, magazines; Magazines therefor	
M	G03B23/042	3	{whereby the pictures are not returned to the same magazines after projection}	
M	G03B23/044	3	{whereby the pictures are returned to the same magazines after projection}	

SUBCLASS G07D - HANDLING OF COINS OR VALUABLE PAPERS, e.g. TESTING, SORTING BY DENOMINATIONS, COUNTING, DISPENSING, CHANGING OR DEPOSITING

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of</u> <u>dots (e.g. 0, 1,</u> <u>2)</u>	<u>Title</u> <u>“CPC only” text should normally be</u> <u>enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	G07D11/24	2	Managing the inventory of valuable papers	

*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).

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- 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 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.

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C. New, Modified or Deleted Note(s)

SUBCLASS D21H - PULP COMPOSITIONS; PREPARATION THEREOF NOT COVERED BY SUBCLASSES D21C OR D21D; IMPREGNATING OR COATING OF PAPER; TREATMENT OF FINISHED PAPER NOT COVERED BY CLASS B31 OR SUBCLASS D21G; PAPER NOT OTHERWISE PROVIDED FOR

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
M	D21H	<ol style="list-style-type: none"> 1. This subclass <u>covers</u> also pulp compositions for the preparation of fibreboard or other fibrous articles by wet processes. 2. In this subclass, the following terms are used with the meaning indicated: <ul style="list-style-type: none"> • "pulp" means a dispersion, { e.g. an aqueous suspension, } comprising paper-making fibres and optional additives, which is to be processed, and covers the term "stock"; it also means dry paper-making fibres which are to be made into paper by either wet or dry processes; • "paper" means paper, cardboard or wet-laid non-woven fabrics. 3. In groups D21H11/00 - D21H15/00, in the absence of an indication to the contrary, classification is made in the last appropriate place. 	<ol style="list-style-type: none"> 1. This subclass <u>covers</u> also pulp compositions for the preparation of fibreboard or other fibrous articles by wet processes. 2. In this subclass, the following terms are used with the meaning indicated: <ul style="list-style-type: none"> • "pulp" means a dispersion, { e.g. an aqueous suspension, } comprising paper-making fibres and optional additives, which is to be processed, and covers the term "paper stock"; it also means dry paper-making fibres which are to be made into paper by either wet or dry processes; • "paper" means paper, cardboard or wet-laid non-woven fabrics. 3. If a pulp composition or a paper, or a constituent thereof, is characterised by more than one feature provided for in this subclass, for example, by both the fibrous material and a coating or by both a colorant and a water-repelling agent, classification is made in all places providing for these features. 4. In groups D21H11/00 - D21H15/00, the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, classification is made in the last appropriate place.

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CLASS - F41 WEAPONS

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
M	F41	<p>1. This class <u>covers</u> also means for practice and training which may <u>cover</u> also means for practice and training which may have aspects of simulation, e.g. in apparatus for so-called "military games", although simulators are generally covered by class G09.</p> <p>2. In this class, the following terms or expressions are used with the meanings indicated:</p> <ul style="list-style-type: none"> • "smallarm" means a firearm which is generally held with one or both hands for firing, but this term also includes a light machine-gun which may be supported on a tripod or the like during firing; • "gun" means any weapon having a barrel and a trigger or firing mechanism for projecting a missile; it may be a piece of ordnance or a smallarm. It may use combustible or explosive propellant charges, air pressure, electromagnetism or other propulsive forces; • "revolver-type gun" means a gun having a revolving drum magazine, the chambers of which are used successively as firing chamber; • "revolver" means a revolver-type pistol; • "semi-automatic firearm" means a firearm from which one shot is fired after actuation of the trigger and which then returns to a condition for firing a subsequent shot upon renewed actuation of the trigger; • "automatic gun" means a gun which will continue firing so long as the initial firing pressure is maintained on the trigger; • "sighting" means bringing into visual coincidence a direction of a target; • "aiming" means bringing a weapon to a direction differing from the sighting direction by corrections in order that the projectile may hit the target; 	<p>1. This class <u>covers</u> also means for practice and training which may have aspects of simulation, e.g. in apparatus for so-called "military games", although simulators are generally covered by class G09.</p> <p>2. In this class, the following terms or expressions are used with the meanings indicated:</p> <ul style="list-style-type: none"> • "smallarm" means a firearm which is generally held with one or both hands for firing, but this term also includes a light machine-gun which may be supported on a tripod or the like during firing; • "gun" means any weapon having a barrel and a trigger or firing mechanism for projecting a missile; it may be a piece of ordnance or a smallarm. It may use combustible or explosive propellant charges, air pressure, electromagnetism or other propulsive forces; • "revolver-type gun" means a gun having a revolving drum magazine, the chambers of which are used successively as firing chamber; • "revolver" means a revolver-type pistol; • "semi-automatic firearm" means a firearm from which one shot is fired after actuation of the trigger and which then returns to a condition for firing a subsequent shot upon renewed actuation of the trigger; • "automatic firearm" means a firearm which will continue firing so long as the initial firing pressure is maintained on the trigger; • "sighting" means bringing into visual coincidence a direction defined by a so-called "sighting" device with the direction of a target; • "aiming" means bringing a weapon to a direction differing from the sighting direction by corrections in order that the projectile may hit the target;

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		<ul style="list-style-type: none"> • "laying" means setting a weapon in the correct position for hitting a mark. <p>3. Attention is drawn to the definitions of "projectile", "missile" and "rocket" given in Note 2 following the title of class F42.</p>	<ul style="list-style-type: none"> • {"stock" means the portion of a long gun that supports or affixes the working components of the firearm; } • "laying" means setting a weapon in the correct position for hitting a target. <p>3. Attention is drawn to the definitions of "projectile", "missile" and "rocket" given in Note (2) following the title of class F42.</p>
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SUBCLASS F41B - WEAPONS FOR PROJECTING MISSILES WITHOUT USE OF EXPLOSIVE OR COMBUSTIBLE PROPELLANT CHARGE; WEAPONS NOT OTHERWISE PROVIDED FOR

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
N	F41B		{ Attention is drawn to the definitions in Note (2) following the title of class F41. }

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

NOTE: The "Location" column only requires the symbol PRIOR to the location of the note. No further directions such as "before" or "after" are required.

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2. A. DEFINITIONS (new)

B23G1/30

Glossary of terms

In this place, the following terms or expressions are used with the meaning indicated:

die-stock	a tool for holding a thread die, to enable the die to be rotated about a workpiece in order to cut an external thread thereon.
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D21H5/0077

References

Informative references

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

Printing processes to produce watermarks	B41M3/10
Watermarking devices	D21F1/44

2. A. DEFINITIONS (modified)

A01K

Definition statement

Insert: Periods at the end of each bullet point so that the updated Definition statement appears as follows.

- Equipment and methods for the care, culture or rearing of all animals or for obtaining their products, not otherwise provided for.
- Equipment and methods for fishing.
- Equipment for angling.
- Methods of breeding animals, not otherwise provided for.
- New breeds of animals.

Relationships with other classification places

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

Whilst subclass [A01K](#) provides for equipment and methods associated with the care, nurturing, handling and rearing of all animals, and the harvesting of their products, devices and accessories for milking are classified in subclass [A01J](#). Furthermore, shoes for animals (e.g. horses, oxen and other solipeds) and associated accessories are classified in subclass [A01L](#). Devices for maintaining the appearance and welfare of animals (e.g. washing and grooming devices, shearing equipment, dehorner, horn trainers) are classified here, whilst veterinary equipment and methods for the medical treatment of animals are classified in subclass [A61D](#). Subclass [A01K](#) provides for fastening and tethering/restraining equipment for animals (e.g. halters, neck-bars, leads, collars), yet equine or similar harnesses and devices used in connection therewith are classified in subclass [B68B](#). Subclass [A01K](#) provides for new breeds of animals, irrespective of the manner of their production, including new breeds of multicellular animals, e.g. transgenic animals. It also provides for processes of obtaining such new animals. Processes and methods for genetic engineering and mutation per se are classified in subclass [C12N](#). Where genetic engineering or mutation techniques are used to produce new breeds of animals, classification should be made in both groups [A01K67/00](#) and [C12N15/00](#). Breeding of animals not otherwise provided for is covered by group [A01K67/00](#),

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whilst instruments or methods for reproduction or fertilisation (e.g. artificial insemination) is classified in group [A61D19/00](#).

References

Informative references

Replace: The commas separating the symbols with dashes in the following two rows of the Informative references table, so that the updated rows appear as follows.

Milking; Accessories therefor	A01J1/00 - A01J9/00
Manufacture of dairy products, other than milking	A01J11/00 - A01J27/00

Glossary of terms

Replace: The existing Glossary of terms table with the following updated table.

angling	a form of fishing using a hook and line. A rod or pole is often additionally used, e.g. for sport fishing.
game	wild mammals or birds hunted for sport or food.
honeycomb	a structure of hexagonal wax cells, made by bees to store honey and larvae.
poultry	domesticated fowl, such as chickens, ducks, turkeys and geese.
stock	animals kept or raised for use or pleasure.

A01K5/00

Definition statement

Replace: The existing Definition statement with the following updated statement, so that the updated Definition statement appears as follows. The image has not been modified.

Feeders for roughage or general feed dispensing, may be transportable.

Tractor borne feeders, mainly for outdoor use.

Grating or roughage feeding corrals or barriers, transportable for outdoor use.

Mobile feeding stations, may include shelters.

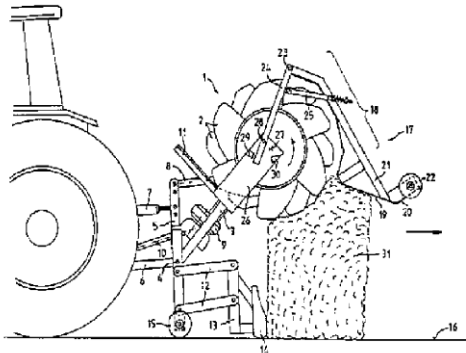
Bale distributors or shredders for (outdoor) feeding.

Feeders may contain mixers (e.g. mixing, mincing, weighing devices, etc.).

Feeding wagons.

Feeding stacks.

Illustrative example of subject matter classified in this place:



References

Limiting references

Replace: The lowercase “f” in the second row of the Limiting references table with a capital “F”, so that the updated row text appears as follows.

Feeding devices for poultry or other birds	A01K39/00
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Delete: The entire Glossary of terms section.

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A47J

Relationships with other classification places

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

This subclass is primarily intended for domestic kitchen equipment for preparing/cooking/warming food. Preparing/cooking/warming foodstuff on an industrial scale is not covered by this subclass and will be classified in the following places:

- subclass [A01J](#) for machines or implements for shaping butter or the like used in dairies, e.g. for forming slabs of butter;
- subclass [A21B](#) for bakers' ovens, machines or equipment for industrial baking;
- subclass [A23J](#) for industrial machines for opening eggs;
- subclass [A23N](#) for machines for preparing foodstuffs or fruit in bulk, e.g. peeling vegetables or fruit in bulk.

Implements for table use will be classified in subclass [A47G](#).

Subclass [A47J](#) further covers the domestic making of (hot) beverages, in particular the preparing of tea or coffee by extraction with hot water. Other apparatuses and methods for preparing beverages mostly on industrial scale are classified in the following subclasses:

- subclass [A23F](#) for the industrial making of coffee or tea;
- subclass [C12C](#) for brewing of beer;
- subclass [C12G](#) for preparation of wine or other alcoholic beverages;
- subclass [B67D](#) for dispensing beverages, e.g. on draught;
- subclass [A23L](#) for preparation of non-alcoholic beverages, e.g. by adding ingredients to fruit or vegetable juices.

In relation to the subclasses that cover domestic stoves or ranges for solid or liquid fuel in general, this subclass is an application place. Features of stoves or ranges which are of general interest should be classified in the relevant general place, such as subclasses [F24B](#), [F24C](#).

Storing arrangements in subclass [A47J](#) does not cover cabinets or racks in general even with provision for attachment of kitchen implements. This subject matter is classified with the subclass for cabinets or general details of furniture [A47B](#). Devices for fastening household utensils are classified in subclass [A47G](#) (e.g. for storing brooms). Storage containers (both thermally insulated as without thermal insulation) in general are classified in subclass [B65D](#).

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Insert: The following new Glossary of terms section.

Glossary of terms

In this place, the following terms or expressions are used with the meaning indicated:

cooking	boiling, braising, steaming, pressure cooking, frying, baking, roasting, grilling or barbecuing food.
boiling	cooking food by submerging it in boiling water, or other water-based liquid (e.g. broth or milk); keeping liquid foodstuff (or water) at a boiling temperature.
braising	cooking food with moist heat, e.g. stewing or pot roasting.
steaming	cooking food in an atmosphere with hot steam.
pressure cooking	cooking food at a pressure different (i.e. higher or lower) than that of the atmosphere.
frying	cooking food in hot oil or fat, e.g. pan frying or deep frying.
deep (fat) frying	cooking food by submerging it in hot oil or fat.
baking	cooking food by dry heat acting by conduction, normally in an oven, but also in hot ashes, or on hot stones.
roasting	cooking food with dry high heat.
grilling	applying direct dry high heat to food, most commonly from above, with heat transfer primarily via thermal radiation, e.g. by using the upper heating element of an electric oven, or inside a drawer below the flame of a gas oven.
barbecuing	cooking food with a barbecue by the heat and hot gases of a fire, smoking wood or hot coals of charcoal, or of an electrical heating element.
toasting	browning food by exposure to dry radiant heat, e.g. grilling of sliced bread on both sides.
warming	raising the temperature of food but not cooking it.
grating	disintegrating food, e.g. cheese, with a tool having several sharp protrusions.

Insert: The following new Synonyms and Keywords section.

Synonyms and Keywords

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In patent documents, the following words/expressions are often used as synonyms:

- Frying pan and skillet;
- Vacuum cooking and sub-atmospheric cooking;
- In American English, “grilling” is synonymous with “barbecuing” while “grilling,” as defined in the Glossary of terms, is called “broiling.”

In patent documents, the following words/expressions are often used with the meaning indicated:

frying pan	a shallow, long-handled pan in which food is fried.
griddle	a sheet of metal of appropriate thickness with a flat frying surface.
grill pan	frying pan which has raised metal ridges for the food to sit on, often used for "frying" without the use of oil or fat, to get a similar pattern to the one achieved by direct barbecuing.
barbecuing, direct method	barbecuing food directly over high heat, e.g. cooking food on a grate directly over hot charcoal, or cooking food in a frying vessel on a grate directly over hot charcoal.
barbecuing, indirect method	a slow barbecue cooking process using indirect heat or hot smoke, e.g. cooking food on a grate with the coals dispersed to the sides of the food, or at a significant distance to the food.
smoking on a barbecue	very slow cooking of food on a barbecue with hot smoke which is drawn past the food by convection.
vacuum flask cooking	cooking food inside a removable pot sealed inside a vacuum flask for prolonged heating with minimum heat loss.

A47J27/00

Insert: The following new Glossary of terms section.

Glossary of terms

In this place, the following terms or expressions are used with the meaning indicated:

cooking	boiling, braising, steaming or pressure cooking food.
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A61D

Insert: The following new Glossary of terms section.

Glossary of terms

In this place, the following terms or expressions are used with the meaning indicated:

stock	animals kept or raised for use or pleasure.
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C11B13/02

Definition statement

Insert: A hyphen between “by” and “product”, so that the updated Definition statement appears as follows.

Recovery or refining of fats/oils from aqueous caustic refining by-product.

Insert: The following new Glossary of terms section.

Glossary of terms

In this place, the following terms or expressions are used with the meaning indicated:

soap stock	a by-product of vegetable oil refinement, containing lipids, fatty oils and salts.
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D21C

Relationships with other classification places

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

Subclass **D21B** covers fibrous raw material or their mechanical treatment.

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Subclass **D21D** covers treatment of materials before passing to the paper-making machine.

Subclass **D21F** covers paper-making machines and methods for producing paper thereon.

Subclass **D21H** covers pulp compositions (not covered by subclasses of **D21C** and **D21D**), impregnating or coating of paper, treatment of finished paper and paper not otherwise provided for.

Subclass **C08B** covers polysaccharides and derivatives thereof.

Special rules of classification

Replace: The existing Special rules text with the following updated text.

The invention per se should be classified in the last appropriate place, if possible. Ideally, one group should be given for covering the main aspect of the invention per se. Exceptionally, the core of the invention may also be classified by using several groups (up to three).

Glossary of terms

Replace: The existing Glossary of terms table with the following updated table.

bagasse	fibre remaining after the extraction of the sugar-bearing juice from sugarcane.
bleaching	treatment of lignocellulosic material to obtain a pulp/paper having an increased brightness.
cellulose	structural component of the primary cell wall of green plants. It is an organic compound with the formula $(C_6H_{10}O_5)_n$ and is the major constituent of paper, paper-board and of textiles made from cotton, linen and other plant fibres.
delignification	treatment of lignocellulosic material to remove a part of the lignin.
lignocellulosic material	cellulosic material which also comprises lignin.
pulp	a dispersion [e.g. an aqueous suspension] comprising cellulosic fibres and optional additives; it may also be referred to as "stock", "furnish" or "slurry".

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Delete: The entire Synonyms and Keywords section.

D21D

Definition statement

Delete: The “s” from both “equipments” in the Definition statement, so that the updated statement appears as follows.

Beating and refining methods and equipment for fibrous materials; purification methods and equipment for pulp suspensions acting by mechanical means, i.e. straining, screening, centrifugal cleaning, sorting, de-aeration; tanks for storing or agitating pulp.

Insert: The following new Relationships section.

Relationships with other classification places

Subclass **D21B** covers the treatment of raw materials, which may be wood, in preparation for paper-making or cellulose production.

Subclass **D21C** covers further processes resulting in cellulose pulp, usually by chemical means.

Subclass **D21D** covers further mechanical processing after initial pulp preparation to cellulose and before the resulting materials are passed to the paper-making machines.

Subclass **D21F** covers methods of producing paper.

Subclass **D21H** covers pulp compositions.

References

Delete: The entire Limiting references section.

Special rules of classification

Delete: The “s” from “documents” in the final bullet point of the existing Special rules text, so that the updated bullet point appears as follows.

- analogously, if generic technical information common to all of the subgroups is disclosed and only schematic embodiments of the specific subgroup embodiments are represented, the document is classified in the head group only.

Glossary of terms

Replace: The existing Glossary of terms table with the following updated table.

Hollander	traditional equipment for beating fibrous suspensions, being a device using at least one wheel like beating rotor (roll) equipped with beaters revolving in a trough having a beating stator (bed plate), also equipped with beaters, in which trough the suspension is circulated to pass multiple times through the beating zone formed between the rotor and the stator.
beating	treatment of fibrous suspensions in Hollander type equipment in order to fibrillate, shorten, flexibilize or soften fibres.
refining	treatment of fibrous suspensions for the same purpose in all other types of equipment.
Jordan	refiner having a frusto-conical rotor revolving inside a complimentary stator.
bed plate	stator of Hollander or Jordan devices.
paper stock	a term used to define pulp after mechanical (refining or beating) and/or chemical treatment (sizing, loading, dyeing etc.) in the paper making process, e.g. the pulp ready to make paper.

D21H

Relationships with other classification places

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

Subclass **D21B** covers further processes from the wood chips to the pulp, usually mechanical processes.

Subclass **D21C** covers further processes from the wood chips to the pulp, usually chemical processes.

Subclass **D21D** covers further mechanical processing of cellulose containing materials after initial pulp preparation to cellulose, and before processing it in paper-making machines.

Subclass **D21F** covers methods of producing paper.

Subclass **D21G** covers further treatment of finished paper, e.g. in calendars.

Class B31 covers making paper articles and working paper, where subclass **B31B** covers boxes, cartons, envelopes or bags, subclass **B31C** covers wound articles and subclass **B31D** covers other articles not covered by class B31, as well as subclass **B31F** covers mechanical working or deformation of paper or cardboard.

Glossary of terms

Replace: The following two rows in the existing Glossary of terms table. Note: the second row listed here is the final row in the table, changing from "stock or paper stock".

pulp	a dispersion e.g. an aqueous suspension comprising paper-making fibres and optional additives, which is to be processed, and covers the term "paper stock"; it also means dry paper-making fibres which are to be made into paper by either wet or dry processes.
paper stock	term used to define pulp after mechanical (refining or beating) and /or chemical treatment (sizing, loading, dyeing, etc.) in the paper making process, e.g. the pulp ready to make paper.

Delete: The entire Synonyms and Keywords section.

E04H6/00

Insert: The following new Glossary of terms section.

Glossary of terms

In this place, the following terms or expressions are used with the meaning indicated:

rolling-stock	railway vehicles, including locomotives, freight carriages and passenger coaches.
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F16N

Definition statement

Delete: The parenthetical sentence at the end of the existing Definition statement, so that the updated statement appears as follows.

- Constructional modifications of parts of machines or apparatus for the purposes of lubrication.
- Devices for supplying lubricant, e.g. oil or grease, from a stationary or movable reservoir to the machine or member to be lubricated, or for supplying lubricant by manual action or by a hand-positioned nozzle with lubricant under pressure.
- Lubricating-pumps.
- Lubrication using substances other than oil or grease.
- Lubrication characterised by the use of particular lubricants in particular apparatus or conditions.
- Lubrication of apparatus working in extreme conditions.
- Details of lubricators or lubrication systems, e.g. reservoirs, conduits, check valves, distributing equipment, collecting or draining lubricant, cleaning.
- Safety devices for indication or detection of undesired conditions, or use of devices responsive to conditions in lubricating arrangements or systems.

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- Care of lubricants, e.g. storage, transfer.
- Conditioning lubricants, e.g. by heating, cooling, filtering, diluting.

Relationships with other classification places

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

F16N is the general or function-oriented subclass for lubrication subject-matter, but there are many application-oriented places in the Classification where subject-matter for specially-adapted forms of lubrication can be found (see the references below). Lubrication specially adapted to machines or apparatus provided for in a single other class is covered by the relevant class for that machine or apparatus.

References

Limiting references

Delete: The following row from the existing Limiting references table.

Manufacture of articles or materials containing macromolecular substances and having reduced friction	C08J5/16
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Application-oriented references

Replace: The following two rows in the existing Application-oriented references table.

Axle-box lubrication for rail vehicles	B61F17/00
Lubrication of rotary-piston or oscillating-piston machines or engines	F01C21/04

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

Informative references

Composite materials or sliding materials in which lubricants are integrally moulded	C10N2050/14
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Delete: The entire Special rules section.

Glossary of terms

Replace: The capital letters at the beginning of each table cell with lowercase letters, so that the updated Glossary of terms table appears as follows.

lubricant	any fluid (e.g. water, oil), fluent material (e.g. particulate graphite), semi-fluid material (e.g. oil with thickener), or semisolid material (e.g. grease), or any mixture of such types of substance, which is used for the specific purpose of lubrication.
lubrication	apparatus, arrangements or methods for introducing or applying a thin layer of a discrete lubricant between two or more relatively-moving adjacent solid surfaces of a device or apparatus, for the specific purpose of reducing friction, heat or wear between the adjacent surfaces.

F16N7/00

Definition statement

Delete: The extra space between “mist lubrication” and the comma after it, so that the updated Definition statement appears as follows.

Arrangements for supplying oil or unspecified lubricant from a stationary reservoir or the equivalent in or on the machine or member to be lubricated such as e.g. with gravity feed or drip lubrication, splash lubrication, dip lubrication, mist lubrication, with feed by pumping action of the member to be lubricated or of a shaft of the machine, centrifugal lubrication, with feed by pumping action of a

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vertical shaft of the machine, and central lubrication systems (the scope covered the by title of the corresponding group is not limited by these examples).

Delete: The entire Informative references section.

G06Q10/00

Definition statement

Replace: The final bullet point with the updated text, so that the new bullet point appears as follows.

- inventory management, e.g. order filling, stock level control or bills of materials.

G06Q10/08

Insert: The following new Glossary of terms section.

Glossary of terms

In this place, the following terms or expressions are used with the meaning indicated:

stock	products or goods held in supply and available for sale and/or distribution.
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G06Q30/00

Definition statement

Insert: A new bullet point between “collaborative buying;” and “collaborative browsing” in the last bullet point, so that the updated Definition statement appears as follows.

Information and communication technology [ICT] specially adapted for the marketing, promoting, buying or selling of goods or services, or for billing.

The following subjects are therefore covered, the list being non-exhaustive:

- on-line catalogues;
- matching systems, for goods or persons;
- systems to match buyers and sellers, e.g. systems for group purchasing or collaborative buying;
- collaborative browsing, where, e.g. a sales representative suggests web pages to a prospective customer.

Glossary of terms

Replace: The existing Glossary of terms table with the following updated table.

electronic commerce or e-commerce	any of buying, selling, marketing or servicing of products or services over computer networks.
stock	products or goods held in supply and available for sale and/or distribution.

G06Q30/0216

Definition statement

Replace: The word “stocks” with the word “securities”, so that the updated Definition statement appears as follows.

Subject matter wherein an individual has the opportunity to invest a reward provided by the merchant, e.g. money market or securities, in order to realise a financial gain.

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G06Q40/00

Insert: The following new Glossary of terms section.

Glossary of terms

In this place, the following terms or expressions are used with the meaning indicated:

stock	a security that represents the fractional ownership of an issuing corporation.
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