

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1226

DATE: JANUARY 1, 2022

PROJECT RP0765

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:	F24D	18/00
	F24D	2101/00, 2101/10, 2101/20, 2101/30, 2101/40, 2101/50, 2101/60, 2101/70, 2101/80
	F24D	2103/00, 2103/10, 2103/13, 2103/17, 2103/20
	F24D	2105/00, 2105/10
Titles Changed:	F24D	5/005
	F24D	7/00
Scheme Warning Notices New:	F24D	18/00
	F24D	2101/00
	F24D	2103/00
	F24D	2105/00
	F24H	2240/00, 2240/01, 2240/02, 2240/04, 2240/06, 2240/08, 2240/09, 2240/10, 2240/12, 2240/122, 2240/125, 2240/127
Notes New:	F24D	18/00
Guidance Headings New:	F24D	2101/00
DEFINITIONS:		
Definitions New:	F24D	18/00
	F24H	2240/00
Definitions Modified:	F24D	SUBCLASS

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)

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- 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 F24D - DOMESTIC- OR SPACE-HEATING SYSTEMS, e.g. CENTRAL HEATING SYSTEMS; DOMESTIC HOT-WATER SUPPLY SYSTEMS; ELEMENTS OR COMPONENTS THEREFOR

<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	F24D 5/005	1	{combined with solar energy}	
M	F24D 7/00	0	Central heating systems employing heat-transfer fluids not covered by groups F24D 1/00 - F24D 5/00, e.g. oil, salt or gas (district heating systems F24D 10/00; central heating systems using heat accumulated in storage masses F24D 11/00)	
U	F24D 17/02	1	using heat pumps	
N	F24D 18/00	0	Small-scale combined heat and power [CHP] generation systems specially adapted for domestic heating, space heating or domestic hot-water supply	
U	F24D 19/1096	2	{for electric heating systems}	
N	F24D 2101/00	0	Electric generators of small-scale CHP systems	
N	F24D 2101/10	1	Gas turbines; Steam engines or steam turbines; Water turbines, e.g. located in water pipes	
N	F24D 2101/20	1	Wind turbines	
N	F24D 2101/30	1	Fuel cells	
N	F24D 2101/40	1	Photovoltaic [PV] modules	
N	F24D 2101/50	1	Thermophotovoltaic [TPV] modules	
N	F24D 2101/60	1	Thermoelectric generators, e.g. Peltier or Seebeck elements	
N	F24D 2101/70	1	Electric generators driven by internal combustion engines [ICE]	
N	F24D 2101/80	1	Electric generators driven by external combustion engines, e.g. Stirling engines	
N	F24D 2103/00	0	Thermal aspects of small-scale CHP systems	
N	F24D 2103/10	1	Small-scale CHP systems characterised by their heat recovery units	
N	F24D 2103/13	2	characterised by their heat exchangers	
N	F24D 2103/17	2	Storage tanks	
N	F24D 2103/20	1	Additional heat sources for supporting thermal peak loads	

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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> “CPC only” text should normally be enclosed in {curly brackets}**	<u>Transferred to#</u>
N	F24D 2105/00	0	Constructional aspects of small-scale CHP systems	
N	F24D 2105/10	1	Sound insulation	

SUBCLASS F24H - FLUID HEATERS, e.g. WATER OR AIR HEATERS, HAVING HEAT GENERATING MEANS, e.g. HEAT PUMPS, IN GENERAL

<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>
C	F24H 2240/00	0	Fluid heaters having electrical generators	F24H 2240/00, F24D 18/00, F24D 2101/00, F24D 2101/10, F24D 2101/20, F24D 2101/30, F24D 2101/40, F24D 2101/50, F24D 2101/60, F24D 2101/70, F24D 2101/80, F24D 2103/00, F24D 2103/10, F24D 2103/13, F24D 2103/17, F24D 2103/20, F24D 2105/00, F24D 2105/10
C	F24H 2240/01	1	Batteries, electrical energy storage device	F24H 2240/01, F24D 18/00, F24D 2101/00, F24D 2101/10, F24D 2101/20, F24D 2101/30, F24D 2101/40, F24D 2101/50, F24D 2101/60, F24D 2101/70, F24D 2101/80, F24D 2103/00, F24D 2103/10, F24D 2103/13, F24D 2103/17, F24D 2103/20, F24D 2105/00, F24D 2105/10
C	F24H 2240/02	1	with combustion engines	F24H 2240/02, F24D 18/00, F24D 2101/00, F24D 2101/10, F24D 2101/20, F24D 2101/30, F24D 2101/40, F24D 2101/50, F24D 2101/60, F24D 2101/70, F24D 2101/80, F24D 2103/00, F24D 2103/10, F24D 2103/13, F24D 2103/17, F24D 2103/20, F24D 2105/00, F24D 2105/10
C	F24H 2240/04	2	External combustion engines	F24H 2240/04, F24D 18/00, F24D 2101/00, F24D 2101/10, F24D 2101/20, F24D 2101/30, F24D 2101/40, F24D 2101/50, F24D 2101/60, F24D 2101/70, F24D 2101/80, F24D 2103/00,

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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> “CPC only” text should normally be enclosed in {curly brackets}**	<u>Transferred to#</u>
				F24D 2103/10, F24D 2103/13, F24D 2103/17, F24D 2103/20, F24D 2105/00, F24D 2105/10
C	F24H 2240/06	2	Internal combustion engines	F24H 2240/06, F24D 18/00, F24D 2101/00, F24D 2101/10, F24D 2101/20, F24D 2101/30, F24D 2101/40, F24D 2101/50, F24D 2101/60, F24D 2101/70, F24D 2101/80, F24D 2103/00, F24D 2103/10, F24D 2103/13, F24D 2103/17, F24D 2103/20, F24D 2105/00, F24D 2105/10
C	F24H 2240/08	1	with peltier elements	F24H 2240/08, F24D 18/00, F24D 2101/00, F24D 2101/10, F24D 2101/20, F24D 2101/30, F24D 2101/40, F24D 2101/50, F24D 2101/60, F24D 2101/70, F24D 2101/80, F24D 2103/00, F24D 2103/10, F24D 2103/13, F24D 2103/17, F24D 2103/20, F24D 2105/00, F24D 2105/10
C	F24H 2240/09	1	with photovoltaic cells	F24H 2240/09, F24D 18/00, F24D 2101/00, F24D 2101/10, F24D 2101/20, F24D 2101/30, F24D 2101/40, F24D 2101/50, F24D 2101/60, F24D 2101/70, F24D 2101/80, F24D 2103/00, F24D 2103/10, F24D 2103/13, F24D 2103/17, F24D 2103/20, F24D 2105/00, F24D 2105/10
C	F24H 2240/10	1	with fuel cells	F24H 2240/10, F24D 18/00, F24D 2101/00, F24D 2101/10, F24D 2101/20, F24D 2101/30, F24D 2101/40, F24D 2101/50, F24D 2101/60, F24D 2101/70, F24D 2101/80, F24D 2103/00, F24D 2103/10, F24D 2103/13, F24D 2103/17, F24D 2103/20, F24D 2105/00, F24D 2105/10
C	F24H 2240/12	1	with thermodynamic cycle for converting thermal energy to mechanical power to produce electrical energy	F24H 2240/12, F24D 18/00, F24D 2101/00, F24D 2101/10, F24D 2101/20, F24D 2101/30, F24D 2101/40, F24D 2101/50, F24D 2101/60, F24D 2101/70, F24D 2101/80, F24D 2103/00, F24D 2103/10, F24D 2103/13,

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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>
				F24D 2103/17, F24D 2103/20, F24D 2105/00, F24D 2105/10
C	F24H 2240/122	2	Stirling cycles	F24H 2240/122, F24D 18/00, F24D 2101/00, F24D 2101/10, F24D 2101/20, F24D 2101/30, F24D 2101/40, F24D 2101/50, F24D 2101/60, F24D 2101/70, F24D 2101/80, F24D 2103/00, F24D 2103/10, F24D 2103/13, F24D 2103/17, F24D 2103/20, F24D 2105/00, F24D 2105/10
C	F24H 2240/125	2	Carnot cycles	F24H 2240/125, F24D 18/00, F24D 2101/00, F24D 2101/10, F24D 2101/20, F24D 2101/30, F24D 2101/40, F24D 2101/50, F24D 2101/60, F24D 2101/70, F24D 2101/80, F24D 2103/00, F24D 2103/10, F24D 2103/13, F24D 2103/17, F24D 2103/20, F24D 2105/00, F24D 2105/10
C	F24H 2240/127	2	Rankine cycles, e.g. steamheat engines	F24H 2240/127, F24D 18/00, F24D 2101/00, F24D 2101/10, F24D 2101/20, F24D 2101/30, F24D 2101/40, F24D 2101/50, F24D 2101/60, F24D 2101/70, F24D 2101/80, F24D 2103/00, F24D 2103/10, F24D 2103/13, F24D 2103/17, F24D 2103/20, F24D 2105/00, F24D 2105/10

*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.

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- 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 F24D - DOMESTIC- OR SPACE-HEATING SYSTEMS, e.g. CENTRAL HEATING SYSTEMS; DOMESTIC HOT-WATER SUPPLY SYSTEMS; ELEMENTS OR COMPONENTS THEREFOR

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	F24D 18/00		Group F24D 18/00 is incomplete pending reclassification of documents from groups F24H 2240/00, F24H 2240/01, F24H 2240/02, F24H 2240/04, F24H 2240/06, F24H 2240/08, F24H 2240/09, F24H 2240/10, F24H 2240/12, F24H 2240/122, F24H 2240/125 and F24H 2240/127. All groups listed in this Warning should be considered in order to perform a complete search.
N	F24D 2101/00		Groups F24D 2101/00-F24D 2101/80 are incomplete pending reclassification of documents from groups F24H 2240/00, F24H 2240/01, F24H 2240/02, F24H 2240/04, F24H 2240/06, F24H 2240/08, F24H 2240/09, F24H 2240/10, F24H 2240/12, F24H 2240/122, F24H 2240/125 and F24H 2240/127. All groups listed in this Warning should be considered in order to perform a complete search.
N	F24D 2103/00		Groups F24D 2103/00-F24D 2103/20 are incomplete pending reclassification of documents from groups F24H 2240/00, F24H 2240/01, F24H 2240/02, F24H 2240/04, F24H 2240/06, F24H 2240/08, F24H 2240/09, F24H 2240/10, F24H 2240/12, F24H 2240/122, F24H 2240/125 and F24H 2240/127. All groups listed in this Warning should be considered in order to perform a complete search.
N	F24D 2105/00		Groups F24D 2105/00 and F24D 2105/10 are incomplete pending reclassification of documents from groups F24H 2240/00, F24H 2240/01, F24H 2240/02, F24H 2240/04, F24H 2240/06, F24H 2240/08, F24H 2240/09, F24H 2240/10, F24H 2240/12, F24H 2240/122, F24H 2240/125 and F24H 2240/127. All groups listed in this Warning

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
			should be considered in order to perform a complete search.
N	F24H 2240/00		Group F24H 2240/00 is impacted by reclassification into groups F24D 18/00 and F24D 2101/00-F24D 2105/10. Groups F24H 2240/00, F24D 18/00 and F24D 2101/00-F24D 2105/10 should be considered in order to perform a complete search.
N	F24H 2240/01		Group F24H 2240/01 is impacted by reclassification into groups F24D 18/00 and F24D 2101/00-F24D 2105/10. Groups F24H 2240/01, F24D 18/00 and F24D 2101/00-F24D 2105/10 should be considered in order to perform a complete search.
N	F24H 2240/02		Group F24H 2240/02 is impacted by reclassification into groups F24D 18/00 and F24D 2101/00-F24D 2105/10. Groups F24H 2240/02, F24D 18/00 and F24D 2101/00-F24D 2105/10 should be considered in order to perform a complete search.
N	F24H 2240/04		Group F24H 2240/04 is impacted by reclassification into groups F24D 18/00 and F24D 2101/00-F24D 2105/10. Groups F24H 2240/04, F24D 18/00 and F24D 2101/00-F24D 2105/10 should be considered in order to perform a complete search.
N	F24H 2240/06		Group F24H 2240/06 is impacted by reclassification into groups F24D 18/00 and F24D 2101/00-F24D 2105/10. Groups F24H 2240/06, F24D 18/00 and F24D 2101/00-F24D 2105/10 should be considered in order to perform a complete search.
N	F24H 2240/08		Group F24H 2240/08 is impacted by reclassification into groups F24D 18/00 and F24D 2101/00-F24D 2105/10. Groups F24H 2240/08, F24D 18/00 and F24D 2101/00-F24D 2105/10 should be considered in order to perform a complete search.
N	F24H 2240/09		Group F24H 2240/09 is impacted by reclassification into groups F24D 18/00 and F24D 2101/00-F24D 2105/10. Groups F24H 2240/09, F24D 18/00 and F24D 2101/00-F24D 2105/10 should be considered in order to perform a complete search.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	F24H 2240/10		Group F24H 2240/10 is impacted by reclassification into groups F24D 18/00 and F24D 2101/00-F24D 2105/10. Groups F24H 2240/10, F24D 18/00 and F24D 2101/00-F24D 2105/10 should be considered in order to perform a complete search.
N	F24H 2240/12		Group F24H 2240/12 is impacted by reclassification into groups F24D 18/00 and F24D 2101/00-F24D 2105/10. Groups F24H 2240/12, F24D 18/00 and F24D 2101/00-F24D 2105/10 should be considered in order to perform a complete search.
N	F24H 2240/122		Group F24H 2240/122 is impacted by reclassification into groups F24D 18/00 and F24D 2101/00-F24D 2105/10. Groups F24H 2240/122, F24D 18/00 and F24D 2101/00-F24D 2105/10 should be considered in order to perform a complete search.
N	F24H 2240/125		Group F24H 2240/125 is impacted by reclassification into groups F24D 18/00 and F24D 2101/00-F24D 2105/10. Groups F24H 2240/125, F24D 18/00 and F24D 2101/00-F24D 2105/10 should be considered in order to perform a complete search.
N	F24H 2240/127		Group F24H 2240/127 is impacted by reclassification into groups F24D 18/00 and F24D 2101/00-F24D 2105/10. Groups F24H 2240/127, F24D 18/00 and F24D 2101/00-F24D 2105/10 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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C. New, Modified or Deleted Note(s)

**SUBCLASS F24D - DOMESTIC- OR SPACE-HEATING SYSTEMS, e.g. CENTRAL HEATING SYSTEMS;
DOMESTIC HOT-WATER SUPPLY SYSTEMS; ELEMENTS OR COMPONENTS THEREFOR**

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
N	F24D 18/00		In this group, it is desirable to add the indexing codes of groups F24D 2101/00-F24D 2105/00.

*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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D. New, Modified or Deleted Guidance Heading(s)

SUBCLASS F24D - DOMESTIC- OR SPACE-HEATING SYSTEMS, e.g. CENTRAL HEATING SYSTEMS; DOMESTIC HOT-WATER SUPPLY SYSTEMS; ELEMENTS OR COMPONENTS THEREFOR

<u>Type*</u>	<u>Location</u>	<u>Old Guidance Heading</u>	<u>New/Modified Guidance Heading</u>
N	F24D 2101/00 – F24D 2105/00		Indexing scheme associated with group F24D 18/00, relating to electric generators, thermal aspects and constructional aspects of small-scale combined heat and power [CHP] systems

*N = new guidance heading, M = modified guidance heading, D = deleted guidance heading

NOTES:

- The “Location” column requires the symbol AFTER the guidance heading location. No further directions such as “before” or “after” are required.
- In cases where there may be confusion as to whether a new group falls within the scope of a guidance heading, indicate the guidance heading and whether the group does or does not go with the guidance heading. This can be included in the “Location” column. For example, the guidance heading “Compounds containing carbon together with sulfur, selenium or tellurium with or without hydrogen, halogens, oxygen or nitrogen” encompasses groups C07C 301/00-395/00 only. If a new group C07C 398/00 is proposed and is included in the guidance heading scope, indicate this in the “Location” column as follows: 398/00 to be included under the guidance heading: “Compounds containing carbon together with sulfur, selenium or tellurium with or without hydrogen, oxygen or nitrogen.”

2. A. DEFINITIONS (new)

Insert: The following new definitions.

F24D 18/00

Definition statement

This place covers:

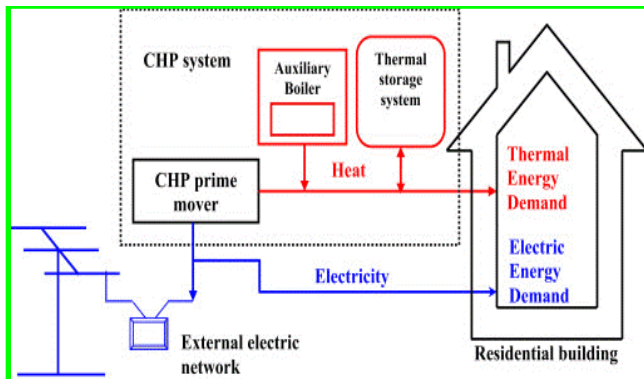
Combined heat and power [CHP] generation systems, also known as cogeneration systems [CGS], which are specially adapted for heating of, or for supplying hot-water to, homes, offices and small buildings, i.e. systems providing both heat for heating fluids and electrical power.

A small-scale CHP system usually comprises the following units:

- a small heat generator or a fuel cell;
- an electric generator which provides electric power; and
- a heat recovery unit which utilises heat for domestic or space heating.

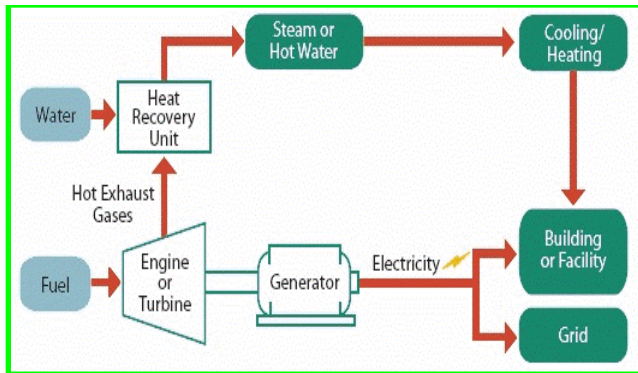
The small-scale CHP system can also optionally comprise:

- a “generate-and-resell” (also called “net-metering”) unit which distributes (part of) the generated electric power over the electrical grid; or
- a thermal storage unit; or
- an electric storage unit.



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References

Informative references

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

Profiting from waste heat of combustion engines	F02G 5/00
Utilising heat energy produced by photovoltaic [PV] modules	H02S 40/44
Fluid heaters having electrical generators	F24H 2240/00

Glossary of terms

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

CGS	Cogeneration system
CHP	Combined heat and power

F24H 2240/00

References

Informative references

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

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Small-scale combined heat and power [CHP] generation systems specially adapted for domestic heating, space heating or domestic hot-water supply	F24D 18/00
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2. A. DEFINITIONS (modified)

F24D

Definition statement

Insert: The following new bullet into the existing list of bullets at the position of next to the last bullet, as shown below.

- Small-scale combined heat and power [CHP] generation systems specially adapted for domestic heating, space heating or domestic hot-water supply

Systems for domestic- or space heating, in which heat is generated at one location and transmitted by a circuit to a consumer at a different location, of the following kind:

- Steam central heating systems
- Hot-water central heating systems
- Hot-air central heating systems
- Central heating systems employing heat-transfer fluids not being hot-water or hot-air, e.g. oil, salt, gas
- Central heating systems employing combinations of two or more of the above-mentioned heat transfer fluids
- District heating systems
- Central heating systems using heat accumulated in storage masses
- Other central heating systems
- Electric heating systems (central heating or domestic heating)
- Other domestic- or non-central space-heating systems
- Domestic hot-water supply systems
- Small-scale combined heat and power [CHP] generation systems specially adapted for domestic heating, space heating or domestic hot-water supply
- Details thereof, including constructional details and control means for heating systems

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3. REVISION CONCORDANCE LIST (RCL)

<u>Type*</u>	<u>From CPC Symbol (existing)</u>	<u>To CPC Symbol(s)</u>
C	F24H 2240/00	F24H 2240/00, F24D 18/00, F24D 2101/00, F24D 2101/10, F24D 2101/20, F24D 2101/30, F24D 2101/40, F24D 2101/50, F24D 2101/60, F24D 2101/70, F24D 2101/80, F24D 2103/00, F24D 2103/10, F24D 2103/13, F24D 2103/17, F24D 2103/20, F24D 2105/00, F24D 2105/10
C	F24H 2240/01	F24H 2240/01, F24D 18/00, F24D 2101/00, F24D 2101/10, F24D 2101/20, F24D 2101/30, F24D 2101/40, F24D 2101/50, F24D 2101/60, F24D 2101/70, F24D 2101/80, F24D 2103/00, F24D 2103/10, F24D 2103/13, F24D 2103/17, F24D 2103/20, F24D 2105/00, F24D 2105/10
C	F24H 2240/02	F24H 2240/02, F24D 18/00, F24D 2101/00, F24D 2101/10, F24D 2101/20, F24D 2101/30, F24D 2101/40, F24D 2101/50, F24D 2101/60, F24D 2101/70, F24D 2101/80, F24D 2103/00, F24D 2103/10, F24D 2103/13, F24D 2103/17, F24D 2103/20, F24D 2105/00, F24D 2105/10
C	F24H 2240/04	F24H 2240/04, F24D 18/00, F24D 2101/00, F24D 2101/10, F24D 2101/20, F24D 2101/30, F24D 2101/40, F24D 2101/50, F24D 2101/60, F24D 2101/70, F24D 2101/80, F24D 2103/00, F24D 2103/10, F24D 2103/13, F24D 2103/17, F24D 2103/20, F24D 2105/00, F24D 2105/10
C	F24H 2240/06	F24H 2240/06, F24D 18/00, F24D 2101/00, F24D 2101/10, F24D 2101/20, F24D 2101/30, F24D 2101/40, F24D 2101/50, F24D 2101/60, F24D 2101/70, F24D 2101/80, F24D 2103/00, F24D 2103/10, F24D 2103/13, F24D 2103/17, F24D 2103/20, F24D 2105/00, F24D 2105/10
C	F24H 2240/08	F24H 2240/08, F24D 18/00, F24D 2101/00, F24D 2101/10, F24D 2101/20, F24D 2101/30, F24D 2101/40, F24D 2101/50, F24D 2101/60, F24D 2101/70, F24D 2101/80, F24D 2103/00, F24D 2103/10, F24D 2103/13, F24D 2103/17, F24D 2103/20, F24D 2105/00, F24D 2105/10
C	F24H 2240/09	F24H 2240/09, F24D 18/00, F24D 2101/00, F24D 2101/10, F24D 2101/20, F24D 2101/30, F24D 2101/40, F24D 2101/50, F24D 2101/60, F24D 2101/70, F24D 2101/80, F24D 2103/00, F24D 2103/10, F24D 2103/13, F24D 2103/17, F24D 2103/20, F24D 2105/00, F24D 2105/10
C	F24H 2240/10	F24H 2240/10, F24D 18/00, F24D 2101/00, F24D 2101/10, F24D 2101/20, F24D 2101/30, F24D 2101/40, F24D 2101/50, F24D 2101/60, F24D 2101/70, F24D 2101/80, F24D 2103/00, F24D 2103/10, F24D 2103/13, F24D 2103/17, F24D 2103/20, F24D 2105/00, F24D 2105/10
C	F24H 2240/12	F24H 2240/12, F24D 18/00, F24D 2101/00, F24D 2101/10, F24D 2101/20, F24D 2101/30, F24D 2101/40, F24D 2101/50, F24D 2101/60, F24D 2101/70, F24D 2101/80, F24D 2103/00, F24D 2103/10, F24D 2103/13, F24D 2103/17, F24D 2103/20, F24D 2105/00, F24D 2105/10

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Type*	From CPC Symbol (existing)	To CPC Symbol(s)
C	F24H 2240/122	F24H 2240/122, F24D 18/00, F24D 2101/00, F24D 2101/10, F24D 2101/20, F24D 2101/30, F24D 2101/40, F24D 2101/50, F24D 2101/60, F24D 2101/70, F24D 2101/80, F24D 2103/00, F24D 2103/10, F24D 2103/13, F24D 2103/17, F24D 2103/20, F24D 2105/00, F24D 2105/10
C	F24H 2240/125	F24H 2240/125, F24D 18/00, F24D 2101/00, F24D 2101/10, F24D 2101/20, F24D 2101/30, F24D 2101/40, F24D 2101/50, F24D 2101/60, F24D 2101/70, F24D 2101/80, F24D 2103/00, F24D 2103/10, F24D 2103/13, F24D 2103/17, F24D 2103/20, F24D 2105/00, F24D 2105/10
C	F24H 2240/127	F24H 2240/127, F24D 18/00, F24D 2101/00, F24D 2101/10, F24D 2101/20, F24D 2101/30, F24D 2101/40, F24D 2101/50, F24D 2101/60, F24D 2101/70, F24D 2101/80, F24D 2103/00, F24D 2103/10, F24D 2103/13, F24D 2103/17, F24D 2103/20, F24D 2105/00, F24D 2105/10

* 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>
F24D 18/00	F24D 18/00	NEW
F24D 2101/00	F24D 101/00	NEW
F24D 2101/10	F24D 101/10	NEW
F24D 2101/20	F24D 101/20	NEW
F24D 2101/30	F24D 101/30	NEW
F24D 2101/40	F24D 101/40	NEW
F24D 2101/50	F24D 101/50	NEW
F24D 2101/60	F24D 101/60	NEW
F24D 2101/70	F24D 101/70	NEW
F24D 2101/80	F24D 101/80	NEW
F24D 2103/00	F24D 103/00	NEW
F24D 2103/10	F24D 103/10	NEW
F24D 2103/13	F24D 103/13	NEW
F24D 2103/17	F24D 103/17	NEW
F24D 2103/20	F24D 103/20	NEW
F24D 2105/00	F24D 105/00	NEW
F24D 2105/10	F24D 105/10	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.