

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1225

DATE: JANUARY 1, 2022

PROJECT RP0730

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Symbols Deleted:	B22F	1/0011, 1/0014, 1/0018, 1/0022, 1/0025, 2001/0029, 2001/0033, 2001/0037, 1/004, 1/0044, 1/0048, 1/0051, 1/0055, 1/0059, 1/0062, 2001/0066, 1/007, 1/0074, 1/0077, 1/0081, 1/0085, 1/0088, 2001/0092, 1/0096, 1/02, 1/025
Symbols Deleted Pending Reclassification: (frozen (F))	B22F	1/0003, 1/0007
Symbols New:	B22F	1/05, 1/052, 1/054, 1/0545, 1/0547, 1/0549, 1/0551, 1/0553, 1/056, 1/06, 1/062, 1/065, 1/0655, 1/068, 1/07, 1/08, 1/09, 1/10, 1/102, 1/103, 1/105, 1/107, 1/108, 1/12, 1/14, 1/142, 1/145, 1/147, 1/148, 1/16, 1/17, 1/18
Titles Changed:	B22F	SUBCLASS
	B22F	1/00
Warnings New:	B22F	1/00, 1/0003, 1/0007, 1/05, 1/052, 1/054, 1/0545, 1/0547, 1/0549, 1/0551, 1/0553, 1/056, 1/06, 1/062, 1/065, 1/0655, 1/068, 1/07, 1/08, 1/09, 1/10, 1/102, 1/103, 1/105, 1/107, 1/108, 1/12, 1/14, 1/142, 1/145, 1/147, 1/148, 1/16, 1/17, 1/18
Notes Modified:	B22F	SUBCLASS
DEFINITIONS:		
Definitions Modified:	B22F	2998/10

The following subclasses/groups are also impacted by this Notice of Changes: C04B, C22C, C30B, D01D, D01F, H01F

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)

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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 B22F - WORKING METALLIC POWDER; MANUFACTURE OF ARTICLES FROM METALLIC POWDER; MAKING METALLIC POWDER (making alloys by powder metallurgy C22C); APPARATUS OR DEVICES SPECIALLY ADAPTED FOR METALLIC POWDER (processes or devices for granulating materials in general B01J 2/00; making ceramics by compacting or sintering C04B, e.g. C04B 35/64; for the production of metals as such, see class C22; reduction or decomposition of metal compounds in general C22B; making alloys by powder metallurgy C22C; electrolytic production of metal powder C25C 5/00)

<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	B22F		WORKING METALLIC POWDER; MANUFACTURE OF ARTICLES FROM METALLIC POWDER; MAKING METALLIC POWDER (making alloys by powder metallurgy C22C); APPARATUS OR DEVICES SPECIALLY ADAPTED FOR METALLIC POWDER	
C	B22F 1/00	0	Metallic powder; Treatment of metallic powder, e.g. to facilitate working or to improve properties	B22F1/00, B22F1/08, B22F1/12
F	B22F 1/0003	1	{Metallic powders per se; Mixtures of metallic powders; Metallic powders mixed with a lubricating or binding agent (making ferrous alloys using a mixture of prealloyed powders C22C 33/0207)}	B22F1/00, B22F1/08, B22F1/09, B22F1/12
F	B22F 1/0007	2	{Metallic powder characterised by its shape or structure, e.g. fibre structure}	B22F1/06, B22F1/07, B22F1/08
D	B22F 1/0011	3	{Metallic powder characterised by size or surface area only}	<administrative transfer to B22F 1/05>
D	B22F 1/0014	4	{by size mixtures or distribution}	<administrative transfer to B22F 1/052>
D	B22F 1/0018	4	{Nanometer sized particles}	<administrative transfer to B22F 1/054>
D	B22F 1/0022	5	{Dispersions or suspensions thereof}	<administrative transfer to B22F 1/0545>
D	B22F 1/0025	5	{Nanofibres or nanotubes}	<administrative transfer to B22F 1/0547>

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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#
D	B22F 2001/0029	5	{Hollow particles, including tubes and shells}	<administrative transfer to B22F 1/0549 INV>
D	B22F 2001/0033	5	{Flake form nanoparticles}	<administrative transfer to B22F 1/0551 INV>
D	B22F 2001/0037	5	{Complex form nanoparticles, e.g.. prism, pyramid, octahedron}	<administrative transfer to B22F 1/0553 INV>
D	B22F 1/004	3	{Fibre structure (B22F 1/0025 takes precedence)}	<administrative transfer to B22F 1/062>
D	B22F 1/0044	3	{Nanometer size structures}	<administrative transfer to B22F 1/07>
D	B22F 1/0048	3	{Spherical powder}	<administrative transfer to B22F 1/065>
D	B22F 1/0051	4	{Hollow particles}	<administrative transfer to B22F 1/0655>
D	B22F 1/0055	3	{Flake form powders}	<administrative transfer to B22F 1/068>
D	B22F 1/0059	2	{Metallic powders mixed with a lubricating or binding agent or organic material}	<administrative transfer to B22F 1/10>
D	B22F 1/0062	3	{Powders coated with organic material}	<administrative transfer to B22F 1/102>
D	B22F 2001/0066	3	{Organic binder comprising a mixture or obtained by reaction of more than one component other than solvent, lubricant}	<administrative transfer to B22F 1/103 INV>
D	B22F 1/007	3	{Non-organic or metal salt binders or lubricants}	<administrative transfer to B22F 1/105>
D	B22F 1/0074	3	{Organic materials comprising a solvent, e.g. for slip casting}	<administrative transfer to B22F 1/107>
D	B22F 1/0077	3	{Mixtures obtained by warm mixing}	<administrative transfer to B22F 1/108>
D	B22F 1/0081	1	{Special treatment of metallic powder, e.g. to facilitate working, to improve properties (coating with organic material B22F 1/0062)}	<administrative transfer to B22F 1/14>

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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#
D	B22F 1/0085	2	{Thermal or thermo-mechanical treatment}	<administrative transfer to B22F 1/142>
D	B22F 1/0088	2	{Chemical treatment, e.g. passivation}	<administrative transfer to B22F 1/145>
D	B22F 2001/0092	3	{Making a dispersion}	<administrative transfer to B22F 1/147 INV>
D	B22F 1/0096	2	{Treatment resulting in the production of agglomerates}	<administrative transfer to B22F 1/148>
D	B22F 1/02	1	comprising coating of the powder {(coating with organic material B22F 1/0062; chemical surface treatment B22F 1/0088)}	<administrative transfer to B22F 1/16>
D	B22F 1/025	2	{Metallic coating}	<administrative transfer to B22F 1/17>
Q	B22F 1/05	1	Metallic powder characterised by the size or surface area of the particles	B22F1/05, B22F1/08
Q	B22F 1/052	2	characterised by a mixture of particles of different sizes or by the particle size distribution	B22F1/052, B22F1/08
Q	B22F 1/054	2	Nanosized particles	B22F1/054, B22F1/056, B22F1/08
Q	B22F 1/0545	3	Dispersions or suspensions of nanosized particles	B22F1/0545, B22F1/08
Q	B22F 1/0547	3	{Nanofibres or nanotubes}	B22F1/0547, B22F1/08
Q	B22F 1/0549	3	{Hollow particles, including tubes and shells}	B22F1/0549, B22F1/08
Q	B22F 1/0551	3	{Flake form nanoparticles}	B22F1/0551, B22F1/08
Q	B22F 1/0553	3	{Complex form nanoparticles, e.g. prism, pyramid, octahedron}	B22F1/0553, B22F1/08
N	B22F1/056	3	{Submicron particles having a size above 100 nm up to 300 nm}	
N	B22F 1/06	1	Metallic powder characterised by the shape of the particles (nanosized particles B22F 1/054)	
Q	B22F 1/062	2	Fibrous particles	B22F1/062, B22F1/08
Q	B22F 1/065	2	Spherical particles	B22F1/065, B22F1/08
Q	B22F 1/0655	3	Hollow particles	B22F1/0655, B22F1/08
Q	B22F 1/068	2	Flake-like particles	B22F1/068,

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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>
				B22F1/08
N	B22F 1/07	1	Metallic powder characterised by particles having a nanoscale microstructure (nanosized particles B22F 1/054)	
N	B22F 1/08	1	Metallic powder characterised by particles having an amorphous microstructure	
N	B22F 1/09	1	{Mixtures of metallic powders}	
Q	B22F 1/10	1	Metallic powder containing lubricating or binding agents; Metallic powder containing organic material	B22F1/08, B22F1/10
Q	B22F 1/102	2	Metallic powder coated with organic material	B22F1/08, B22F1/102
Q	B22F 1/103	2	containing an organic binding agent comprising a mixture of, or obtained by reaction of, two or more components other than a solvent or a lubricating agent	B22F1/08, B22F1/103
Q	B22F 1/105	2	containing inorganic lubricating or binding agents, e.g. metal salts	B22F1/08, B22F1/105
Q	B22F 1/107	2	containing organic material comprising solvents, e.g. for slip casting	B22F1/08, B22F1/107
Q	B22F 1/108	2	{Mixtures obtained by warm mixing}	B22F1/08, B22F1/108
N	B22F 1/12	1	Metallic powder containing non-metallic particles (containing lubricating or binding agents or organic material B22F 1/10)	
Q	B22F 1/14	1	Treatment of metallic powder (mixing with lubricating or binding agents or with organic material B22F 1/10)	B22F1/08, B22F1/14
Q	B22F 1/142	2	Thermal or thermo-mechanical treatment	B22F1/08, B22F1/142
Q	B22F 1/145	2	Chemical treatment, e.g. passivation or decarburisation	B22F1/08, B22F1/145
Q	B22F 1/147	3	{Making a dispersion}	B22F1/08, B22F1/147
Q	B22F 1/148	2	Agglomerating	B22F1/08, B22F1/148
Q	B22F 1/16	1	Metallic particles coated with a non-metal (coated with lubricating or binding agents or with organic material B22F 1/10)	B22F1/08, B22F1/16, B22F1/18
Q	B22F 1/17	1	Metallic particles coated with metal	B22F1/08, B22F1/17, B22F1/18
N	B22F 1/18	1	Non-metallic particles coated with metal	

*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

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from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; T= existing entries with enlarged file scope, which receive documents from C or D entries, e.g. when a limiting reference is removed from the entry title; M = entries with no change to the file scope (no reclassification); D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed; U = entries that are unchanged.

NOTES:

- ****No {curly brackets}** are used for titles in CPC only subclasses, e.g. C12Y, A23Y; 2000 series symbol titles of groups found at the end of schemes (orthogonal codes); or the Y section titles. The {curly brackets} are used for 2000 series symbol titles found interspersed throughout the main trunk schemes (breakdown codes).
- U groups: it is obligatory to display the required “anchor” symbol (U group), i.e. the entry immediately preceding a new group or an array of new groups to be created (in case new groups are not clearly subgroups of C-type groups). Always include the symbol, indent level and title of the U group in the table above.
- All entry types should be included in the scheme changes table above for better understanding of the overall scheme change picture. Symbol, indent level, and title are required for all types.
- “Transferred to” column must be completed for all C, D, F, and Q type entries. F groups will be deleted once reclassification is completed.
- When multiple symbols are included in the “Transferred to” column, avoid using ranges of symbols in order to be as precise as possible.
- For administrative transfer of documents, the following text should be used: “<administrative transfer to XX>”, “<administrative transfer to XX and YY simultaneously>”, or “<administrative transfer to XX, YY ...and ZZ simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be “additional information”.
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations “ADD” or “INV”: <administrative transfer to XX ADD>, <administrative transfer to XX INV>, or <administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the “D” entries of 2000-series or Y-series groups may not require a destination (“Transferred to”) symbol, however it is required to specify “<no transfer>” in the “Transferred to” column for such cases.
- For finalisation projects, the deleted “F” symbols should have <no transfer> in the “Transferred to” column.
- For more details about the types of scheme change, see CPC Guide.

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B. New, Modified or Deleted Warning(s)

SUBCLASS B22F - WORKING METALLIC POWDER; MANUFACTURE OF ARTICLES FROM METALLIC POWDER; MAKING METALLIC POWDER (making alloys by powder metallurgy C22C); APPARATUS OR DEVICES SPECIALLY ADAPTED FOR METALLIC POWDER (processes or devices for granulating materials in general B01J 2/00; making ceramics by compacting or sintering C04B, e.g. C04B 35/64; for the production of metals as such, see class C22; reduction or decomposition of metal compounds in general C22B; making alloys by powder metallurgy C22C; electrolytic production of metal powder C25C 5/00)

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	B22F 1/00		Group B22F 1/00 is incomplete pending reclassification of documents from group B22F 1/0003. Group B22F 1/00 is also impacted by reclassification into groups B22F 1/08 and B22F 1/12. All groups listed in this Warning should be considered in order to perform a complete search.
N	B22F 1/0003		Group B22F 1/0003 is no longer used for the classification of documents as of January 1, 2022. The content of this group is being reclassified into groups B22F 1/00, B22F 1/08, B22F 1/09 and B22F 1/12. All groups listed in this Warning should be considered in order to perform a complete search.
N	B22F 1/0007		Group B22F 1/0007 is no longer used for the classification of documents as of January 1, 2022. The content of this group is being reclassified into groups B22F 1/06, B22F 1/07 and B22F 1/08. All groups listed in this Warning should be considered in order to perform a complete search.
N	B22F 1/05		Group B22F 1/05 is impacted by reclassification into group B22F 1/08. Groups B22F 1/05 and B22F 1/08 should be considered in order to perform a complete search.
N	B22F 1/052		Group B22F 1/052 is impacted by reclassification into group B22F 1/08. Groups B22F 1/052 and B22F 1/08 should be considered in order to perform a complete search.
N	B22F 1/054		Group B22F 1/054 is impacted by reclassification into groups B22F 1/056 and B22F 1/08. Groups B22F 1/054, B22F 1/056 and B22F 1/08 should be considered in order to perform a complete search.
N	B22F 1/0545		Group B22F 1/0545 is impacted by reclassification into group B22F 1/08. Groups B22F 1/0545 and B22F 1/08 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	B22F 1/0547		Group B22F 1/0547 is impacted by reclassification into group B22F 1/08. Groups B22F 1/0547 and B22F 1/08 should be considered in order to perform a complete search.
N	B22F 1/0549		Group B22F 1/0549 is impacted by reclassification into group B22F 1/08. Groups B22F 1/0549 and B22F 1/08 should be considered in order to perform a complete search.
N	B22F 1/0551		Group B22F 1/0551 is impacted by reclassification into group B22F 1/08. Groups B22F 1/0551 and B22F 1/08 should be considered in order to perform a complete search.
N	B22F 1/0553		Group B22F 1/0553 is impacted by reclassification into group B22F 1/08. Groups B22F 1/0553 and B22F 1/08 should be considered in order to perform a complete search.
N	B22F 1/056		Group B22F 1/056 is incomplete pending reclassification of documents from group B22F 1/054. Groups B22F 1/054 and B22F 1/056 should be considered in order to perform a complete search.
N	B22F 1/06		Group B22F 1/06 is incomplete pending reclassification of documents from group B22F 1/0007. Groups B22F 1/0007 and B22F 1/06 should be considered in order to perform a complete search.
N	B22F 1/062		Group B22F 1/062 is impacted by reclassification into group B22F 1/08. Groups B22F 1/062 and B22F 1/08 should be considered in order to perform a complete search.
N	B22F 1/065		Group B22F 1/065 is impacted by reclassification into group B22F 1/08. Groups B22F 1/065 and B22F 1/08 should be considered in order to perform a complete search.
N	B22F 1/0655		Group B22F 1/0655 is impacted by reclassification into group B22F 1/08. Groups B22F 1/0655 and B22F 1/08 should be considered in order to perform a complete search.
N	B22F 1/068		Group B22F 1/068 is impacted by reclassification into group B22F 1/08. Groups B22F 1/068 and B22F 1/08 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	B22F 1/07		Group B22F 1/07 is incomplete pending reclassification of documents from group B22F 1/0007. Groups B22F 1/0007 and B22F 1/07 should be considered in order to perform a complete search.
N	B22F 1/08		Group B22F 1/08 is incomplete pending reclassification of documents from groups B22F 1/00, B22F 1/0003, B22F 1/0007, B22F 1/05, B22F 1/052, B22F 1/054, B22F 1/0545, B22F 1/0547, B22F 1/0549, B22F 1/0551, B22F 1/0553, B22F 1/062, B22F 1/065, B22F 1/0655, B22F 1/068, B22F 1/10, B22F 1/102, B22F 1/103, B22F 1/105, B22F 1/107, B22F 1/108, B22F 1/14, B22F 1/142, B22F 1/145, B22F 1/147, B22F 1/148, B22F 1/16 and B22F 1/17. All groups listed in this Warning should be considered in order to perform a complete search.
N	B22F 1/09		Group B22F 1/09 is incomplete pending reclassification of documents from group B22F 1/0003. Groups B22F 1/0003 and B22F 1/09 should be considered in order to perform a complete search.
N	B22F 1/10		Group B22F 1/10 is impacted by reclassification into group B22F 1/08. Groups B22F 1/10 and B22F 1/08 should be considered in order to perform a complete search.
N	B22F 1/102		Group B22F 1/102 is impacted by reclassification into group B22F 1/08. Groups B22F 1/102 and B22F 1/08 should be considered in order to perform a complete search.
N	B22F 1/103		Group B22F 1/103 is impacted by reclassification into group B22F 1/08. Groups B22F 1/103 and B22F 1/08 should be considered in order to perform a complete search.
N	B22F 1/105		Group B22F 1/105 is impacted by reclassification into group B22F 1/08. Groups B22F 1/105 and B22F 1/08 should be considered in order to perform a complete search.
N	B22F 1/107		Group B22F 1/107 is impacted by reclassification into group B22F 1/08. Groups B22F 1/107 and B22F 1/08 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	B22F 1/108		Group B22F 1/108 is impacted by reclassification into group B22F 1/08. Groups B22F 1/108 and B22F 1/08 should be considered in order to perform a complete search.
N	B22F 1/12		Group B22F 1/12 is incomplete pending reclassification of documents from groups B22F 1/00 and B22F 1/0003. Groups B22F 1/00, B22F 1/0003 and B22F 1/12 should be considered in order to perform a complete search.
N	B22F 1/14		Group B22F 1/14 is impacted by reclassification into group B22F 1/08. Groups B22F 1/14 and B22F 1/08 should be considered in order to perform a complete search.
N	B22F 1/142		Group B22F 1/142 is impacted by reclassification into group B22F 1/08. Groups B22F 1/142 and B22F 1/08 should be considered in order to perform a complete search.
N	B22F 1/145		Group B22F 1/145 is impacted by reclassification into group B22F 1/08. Groups B22F 1/145 and B22F 1/08 should be considered in order to perform a complete search.
N	B22F 1/147		Group B22F 1/147 is impacted by reclassification into group B22F 1/08. Groups B22F 1/147 and B22F 1/08 should be considered in order to perform a complete search.
N	B22F 1/148		Group B22F 1/148 is impacted by reclassification into group B22F 1/08. Groups B22F 1/148 and B22F 1/08 should be considered in order to perform a complete search.
N	B22F 1/16		Group B22F 1/16 is impacted by reclassification into groups B22F 1/08 and B22F 1/18. Groups B22F 1/16, B22F 1/08 and B22F 1/18 should be considered in order to perform a complete search.
N	B22F 1/17		Group B22F 1/17 is impacted by reclassification into groups B22F 1/08 and B22F 1/18. Groups B22F 1/17, B22F 1/08 and B22F 1/18 should be considered in order to perform a complete search.
N	B22F 1/18		Group B22F 1/18 is incomplete pending reclassification of documents from groups B22F 1/16 and B22F 1/17. Groups B22F 1/16, B22F 1/17 and B22F 1/18 should be considered in order to perform a complete search.

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

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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 B22F - WORKING METALLIC POWDER; MANUFACTURE OF ARTICLES FROM METALLIC POWDER; MAKING METALLIC POWDER (making alloys by powder metallurgy C22C); APPARATUS OR DEVICES SPECIALLY ADAPTED FOR METALLIC POWDER (processes or devices for granulating materials in general B01J 2/00; making ceramics by compacting or sintering C04B, e.g. C04B 35/64; for the production of metals as such, see class C22; reduction or decomposition of metal compounds in general C22B; making alloys by powder metallurgy C22C; electrolytic production of metal powder C25C 5/00)

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
M	B22F	<ol style="list-style-type: none"> 1. This subclass covers the making of metallic powder only insofar as powder with specific physical characteristics is made; 2. In this subclass, the following terms or expressions are used with the meanings indicated: <ul style="list-style-type: none"> • "metallic powder" covers powders containing a substantial proportion of non-metallic material; • "powder" includes somewhat larger particles which are worked, obtained or behave in a manner similar to powder, e.g. fibres. 	<p><u>Replace</u> existing notes 1 and 2 with the following <u>updated</u> notes.</p> <ol style="list-style-type: none"> 1. This subclass <u>covers</u> the making of metallic powder only insofar as powder with specific physical characteristics is made. 2. In this subclass, the term "powder" includes somewhat larger particles which are worked, obtained or behave in a manner similar to powder, e.g. fibres. 3. In this subclass, the expression "metallic powder" <u>covers</u>: <ul style="list-style-type: none"> • powders consisting of metal particles; • powders consisting of coated metal particles; • powders consisting of metal-coated non-metallic particles; • mixtures of powders of the kinds mentioned above; • powders of the kinds mentioned above as the main component mixed with or containing non-metallic material, e.g. lubricating or binding agents or organic material.

*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. B. DEFINITIONS QUICK FIX

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
B22F 2998/10	Special Rules of classification <u>C-Sets examples:</u>	B22F 1/0059	<u>Replace:</u> In the “Special rules of classification, C-Sets examples:” section the <u>two</u> occurrences of the symbol B22F 1/0059 with the following symbol: B22F 1/10

Notes:

Use this Definitions Quick Fix (DQF) table to:

- Delete an entire definition
- Delete an entire section
- Change a reference symbol
- Delete a reference symbol
- Delete text in a References section
- Correct one error in spelling, article use, or verb tense

Otherwise, use the standard template.

Reminder: Never delete F symbol definitions.

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3. REVISION CONCORDANCE LIST (RCL)

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
C	B22F 1/00	B22F 1/00, B22F 1/08, B22F 1/12
F	B22F 1/0003	B22F 1/00, B22F 1/08, B22F 1/09, B22F 1/12
F	B22F 1/0007	B22F 1/06, B22F 1/07, B22F 1/08
D	B22F 1/0011	<administrative transfer to B22F 1/05>
D	B22F 1/0014	<administrative transfer to B22F 1/052>
D	B22F 1/0018	<administrative transfer to B22F 1/054>
D	B22F 1/0022	<administrative transfer to B22F 1/0545>
D	B22F 1/0025	<administrative transfer to B22F 1/0547>
D	B22F 2001/0029	<administrative transfer to B22F 1/0549 INV>
D	B22F 2001/0033	<administrative transfer to B22F 1/0551 INV>
D	B22F 2001/0037	<administrative transfer to B22F 1/0553 INV>
D	B22F 1/004	<administrative transfer to B22F 1/062>
D	B22F 1/0044	<administrative transfer to B22F 1/07>
D	B22F 1/0048	<administrative transfer to B22F 1/065>
D	B22F 1/0051	<administrative transfer to B22F 1/0655>
D	B22F 1/0055	<administrative transfer to B22F 1/068>
D	B22F 1/0059	<administrative transfer to B22F 1/10>
D	B22F 1/0062	<administrative transfer to B22F 1/102>
D	B22F 2001/0066	<administrative transfer to B22F 1/103 INV>
D	B22F 1/007	<administrative transfer to B22F 1/105>
D	B22F 1/0074	<administrative transfer to B22F 1/107>
D	B22F 1/0077	<administrative transfer to B22F 1/108>
D	B22F 1/0081	<administrative transfer to B22F 1/14>
D	B22F 1/0085	<administrative transfer to B22F 1/142>
D	B22F 1/0088	<administrative transfer to B22F 1/145>
D	B22F 2001/0092	<administrative transfer to B22F 1/147 INV>
D	B22F 1/0096	<administrative transfer to B22F 1/148>
D	B22F 1/02	<administrative transfer to B22F 1/16>
D	B22F 1/025	<administrative transfer to B22F 1/17>
Q	B22F 1/05	B22F 1/05, B22F 1/08
Q	B22F 1/052	B22F 1/052, B22F 1/08
Q	B22F 1/054	B22F 1/054, B22F 1/056, B22F 1/08
Q	B22F 1/0545	B22F 1/0545, B22F 1/08
Q	B22F 1/0547	B22F 1/0547, B22F 1/08
Q	B22F 1/0549	B22F 1/0549, B22F 1/08
Q	B22F 1/0551	B22F 1/0551, B22F 1/08
Q	B22F 1/0553	B22F 1/0553, B22F 1/08
Q	B22F 1/062	B22F 1/062, B22F 1/08
Q	B22F 1/065	B22F 1/065, B22F 1/08
Q	B22F 1/0655	B22F 1/0655, B22F 1/08
Q	B22F 1/068	B22F 1/068, B22F 1/08
Q	B22F 1/10	B22F 1/08, B22F 1/10
Q	B22F 1/102	B22F 1/08, B22F 1/102
Q	B22F 1/103	B22F 1/08, B22F 1/103
Q	B22F 1/105	B22F 1/08, B22F 1/105
Q	B22F 1/107	B22F 1/08, B22F 1/107

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Type*	From CPC Symbol (existing)	To CPC Symbol(s)
Q	B22F 1/108	B22F 1/08, B22F 1/108
Q	B22F 1/14	B22F 1/08, B22F 1/14
Q	B22F 1/142	B22F 1/08, B22F 1/142
Q	B22F 1/145	B22F 1/08, B22F 1/145
Q	B22F 1/147	B22F 1/08, B22F 1/147
Q	B22F 1/148	B22F 1/08, B22F 1/148
Q	B22F 1/16	B22F 1/08, B22F 1/16, B22F 1/18
Q	B22F 1/17	B22F 1/08, B22F 1/17, B22F 1/18

* 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>
B22F 1/0011		DELETE
B22F 1/0014		DELETE
B22F 1/0018		DELETE
B22F 1/0022		DELETE
B22F 1/0025		DELETE
B22F 2001/0029		DELETE
B22F 2001/0033		DELETE
B22F 2001/0037		DELETE
B22F 1/004		DELETE
B22F 1/0044		DELETE
B22F 1/0048		DELETE
B22F 1/0051		DELETE
B22F 1/0055		DELETE
B22F 1/0059		DELETE
B22F 1/0062		DELETE
B22F 2001/0066		DELETE
B22F 1/007		DELETE
B22F 1/0074		DELETE
B22F 1/0077		DELETE
B22F 1/0081		DELETE
B22F 1/0085		DELETE
B22F 1/0088		DELETE
B22F 2001/0092		DELETE
B22F 1/0096		DELETE
B22F 1/02		DELETE
B22F 1/025		DELETE
B22F 1/05	B22F 1/05	NEW
B22F 1/052	B22F 1/052	NEW
B22F 1/054	B22F 1/054	NEW
B22F 1/0545	B22F 1/0545	NEW
B22F 1/0547	B22F 1/054	NEW
B22F 1/0549	B22F 1/054	NEW
B22F 1/0551	B22F 1/054	NEW
B22F 1/0553	B22F 1/054	NEW
B22F 1/056	B22F1/054	NEW
B22F 1/06	B22F 1/06	NEW
B22F 1/062	B22F 1/062	NEW
B22F 1/065	B22F 1/065	NEW
B22F 1/0655	B22F 1/0655	NEW
B22F 1/068	B22F 1/068	NEW
B22F 1/07	B22F 1/07	NEW
B22F 1/08	B22F 1/08	NEW

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<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
B22F 1/09	B22F 1/00	NEW
B22F 1/10	B22F 1/10	NEW
B22F 1/102	B22F 1/102	NEW
B22F 1/103	B22F 1/103	NEW
B22F 1/105	B22F 1/105	NEW
B22F 1/107	B22F 1/107	NEW
B22F 1/108	B22F 1/10	NEW
B22F 1/12	B22F 1/12	NEW
B22F 1/14	B22F 1/14	NEW
B22F 1/142	B22F 1/142	NEW
B22F 1/145	B22F 1/145	NEW
B22F 1/147	B22F 1/145	NEW
B22F 1/148	B22F 1/148	NEW
B22F 1/16	B22F 1/16	NEW
B22F 1/17	B22F 1/17	NEW
B22F 1/18	B22F 1/18	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.

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5. CROSS-REFERENCE LIST (CRL)

Scheme references impacted by this revision project

<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Action; New reference symbol; New text</u>
C22C33/0207	B22F1/0003	Replace the existing symbol with the following symbol: B22F 1/09

Definitions references impacted by this revision project

<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Section of definition</u>	<u>Action; New reference symbol; New text</u>
C04B33/36	B22F1/004	Informative references	Replace the existing symbol with the following updated symbol: B22F 1/062
C04B35/62227	B22F1/004	Limiting references	Replace the existing symbol with the following updated symbol: B22F 1/062
C04B35/628	B22F1/0062	Informative references	Replace the existing symbol with the following updated symbol: B22F 1/102
C04B35/62802	B22F1/02	Informative references	Replace the existing symbol with the following updated symbol: B22F 1/16
C04B35/62842	B22F1/025	Informative references	Replace the existing symbol with the following updated symbol: B22F 1/17
C04B35/62876	B22F1/004	Limiting references	Replace the existing symbol with the following updated symbol: B22F 1/062
C04B35/632	B22F1/0059	Informative references	Replace the existing symbol with the following updated symbol: B22F 1/10

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<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Section of definition</u>	<u>Action; New reference symbol; New text</u>
C04B35/76	B22F1/004	Informative references	<u>Replace</u> the existing symbol with the following updated symbol: B22F 1/062
C04B2235/40	B22F1/0003	Informative references	<u>Replace</u> the existing symbol with the following updated symbol: B22F 1/09
C04B2235/5208	B22F1/004	Informative references	<u>Replace</u> the existing symbol with the following updated symbol: B22F 1/062
C04B2235/5216	B22F1/004	Limiting references	<u>Replace</u> the existing symbol with the following updated symbol: B22F 1/062
C04B2235/528	B22F1/0048	Informative references	<u>Replace</u> the existing symbol with the following updated symbol: B22F 1/065
C04B2235/5284	B22F1/0025	Informative references	<u>Replace</u> the existing symbol with the following updated symbol: B22F 1/0547
C04B2235/5292	B22F1/0055	Informative references	<u>Replace</u> the existing symbol with the following updated symbol: B22F 1/068
C04B2235/5296	B22F1/0048	Informative references	<u>Replace</u> the existing symbol with the following updated symbol: B22F 1/065
C04B2235/5454	B22F1/0044	Informative references	<u>Replace</u> the existing symbol with the following updated symbol: B22F 1/07
C04B2235/5463	B22F1/0014	Informative references	<u>Replace</u> the existing symbol with the following updated symbol: B22F 1/052

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<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Section of definition</u>	<u>Action; New reference symbol; New text</u>
C22C	B22F1/025	Special rules	<u>Replace</u> the existing symbol with the following updated symbol: B22F 1/17
C22C	B22F1/02	Special rules	<u>Replace</u> the existing symbol with the following updated symbol: B22F 1/16
C22C	B22F1/02	Special rules	<u>Replace</u> the existing symbol with the following updated symbol: B22F 1/16
C22C	B22F1/025	Special rules	<u>Replace</u> the existing symbol with the following updated symbol: B22F 1/17
C22C	B22F1/0025	Special rules	<u>Replace</u> the existing symbol with the following updated symbol: B22F 1/0547
C22C	B22F1/004	Special rules	<u>Replace</u> the existing symbol with the following updated symbol: B22F 1/062
C22C	B22F1/0003	Special rules	<u>Replace</u> the existing symbol with the following updated symbol: B22F 1/09
C22C33/02	B22F1/0088	Informative references	<u>Replace</u> the existing symbol with the following updated symbol: B22F 1/145
C30B	B22F1/0018	Informative references	<u>Replace</u> the existing symbol with the following updated symbol: B22F 1/054

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<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Section of definition</u>	<u>Action; New reference symbol; New text</u>
C30B	B22F1/0025	Informative references	<u>Replace</u> the existing symbol with the following updated symbol: B22F 1/0547
D01D	B22F1/0007	Limiting references	<u>Replace</u> the existing symbol with the following updated symbol: B22F 1/06
D01F	B22F1/0007	Informative references	<u>Replace</u> the existing symbol with the following updated symbol: B22F 1/06
H01F1/00	B22F1/02	Informative references	<u>Replace</u> the existing symbol with the following updated symbol: B22F 1/16

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.