

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 955

PRIOR PUBLICATION DATE: JANUARY 1, 2021
PUBLICATION DATE: FEBRUARY 16, 2021

PROJECT RP0707

CORRECTED PUBLICATION

CORRIGENDA

Overview

Administrative transfers in this project were performed on January 1, 2021 according to the originally published RCL.

This corrected publication reflects the movement of documents to resolve duplicates in C-Set allocations and incorrect target groups resulting from the previously performed administrative transfers.

This corrigendum notice does not change the contents of the CPC Scheme, Definitions, or CICL. Intellectual reclassification will no longer take place in this project. Therefore, corrections to this project do not necessitate a new CPC release.

Technical Details

Documents which were previously administratively transferred have now been rerouted according to the corrected RCL below.

In the Scheme Change table (A. New, Modified or Deleted Group(s)):

- Change Type "C" for B22F 3/00 to "U" and delete all target groups listed in the "Transferred to" column.
- In the row corresponding to: D, B22F 3/008, replace the target group "B22F 10/00" with "B22F 10/10"
- In the row corresponding to: D, B22F 3/1055, replace the target group "B22F 10/00" with "B22F 10/20"
- In the row corresponding to: D, B22F 2003/1056, replace the target group "B22F 10/00" with "B22F 12/00"
- In the row corresponding to: D, B22F 2003/1057, replace the target group "B22F 10/00" with "B22F 10/30"
- In the row corresponding to: D, B22F 2003/1058, replace the target group "B22F 10/00" with "B22F 10/40"
- In the row corresponding to: D, B22F 2003/1059, replace the target group "B22F 10/00" with "B22F 10/70"
- Change Type "Q" for B22F 10/00 to "N" and delete all target groups listed in the "Transferred to" column.

In the Revision Concordance List (RCL):

- Delete the row corresponding to: C, B22F 3/00
- In the row corresponding to: D, B22F 3/008, replace the target group "B22F 10/00" with "B22F 10/10"
- In the row corresponding to: D, B22F 3/1055, replace the target group "B22F 10/00" with "B22F 10/20"
- In the row corresponding to: D, B22F 2003/1056, replace the target group "B22F 10/00" with "B22F 12/00"
- In the row corresponding to: D, B22F 2003/1057, replace the target group "B22F 10/00" with "B22F 10/30"
- In the row corresponding to: D, B22F 2003/1058, replace the target group "B22F 10/00" with "B22F 10/40"
- In the row corresponding to: D, B22F 2003/1059, replace the target group "B22F 10/00" with "B22F 10/70"
- Delete the row corresponding to: Q, B22F 10/00

PRIOR PUBLICATION DATE: JANUARY 1, 2021

PUBLICATION DATE: FEBRUARY 16, 2021

PROJECT RP0707

CORRECTED PUBLICATION1. **CORRECTED CLASSIFICATION SCHEME CHANGES**A. New, Modified or Deleted Group(s)

<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>
U	B22F 3/00	0	Manufacture of workpieces or articles from metallic powder characterised by the manner of compacting or sintering; Apparatus specially adapted therefor {; Presses and furnaces}	
U	B22F 3/007	2	{by diffusion starting from non-amorphous articles prepared by powder metallurgy}	
D	B22F 3/008	1	{Selective deposition modelling (B22F 3/1055 takes precedence)}	<administrative transfer to B22F10/10 >
U	B22F 2003/1054	3	{by microwave}	
D	B22F 3/1055	3	{Selective sintering, i.e. stereolithography (selective sintering of powdered plastics B29C 64/153)}	<administrative transfer to B22F10/20 >
D	B22F 2003/1056	4	{Apparatus components, details or accessories}	<administrative transfer to B22F12/00 INV >
D	B22F 2003/1057	5	{for control or data processing, e.g. algorithms}	<administrative transfer to B22F10/30 INV >
D	B22F 2003/1058	5	{Support structures for the 3D object during manufacturing, e.g. using sacrificial material}	<administrative transfer to B22F10/40 INV >
D	B22F 2003/1059	5	{for cleaning or recycling}	<administrative transfer to B22F10/70 INV >
N	B22F 10/00	0	Additive manufacturing of workpieces or articles from metallic powder (apparatus or devices therefor B22F 12/00)	
N	B22F 10/10	1	Formation of a green body	
N	B22F 10/12	2	by photopolymerisation, e.g. stereolithography [SLA] or digital light processing [DLP]	
N	B22F 10/14	2	by jetting of binder onto a bed of metal powder	

PRIOR PUBLICATION DATE: JANUARY 1, 2021

PUBLICATION DATE: FEBRUARY 16, 2021

PROJECT RP0707

CORRECTED PUBLICATION

<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>
N	B22F 10/16	2	by embedding the binder within the powder bed	
N	B22F 10/18	2	by mixing binder with metal in filament form, e.g. fused filament fabrication [FFF]	
N	B22F 10/20	1	Direct sintering or melting	
N	B22F 10/22	2	Direct deposition of molten metal	
N	B22F 10/25	2	Direct deposition of metal particles, e.g. direct metal deposition [DMD] or laser engineered net shaping [LENS]	
N	B22F 10/28	2	Powder bed fusion, e.g. selective laser melting [SLM] or electron beam melting [EBM]	
N	B22F 10/30	1	Process control	
N	B22F 10/31	2	Calibration of process steps or apparatus settings, e.g. before or during manufacturing	
N	B22F 10/32	2	of the atmosphere, e.g. composition or pressure in a building chamber	
N	B22F 10/322	3	of the gas flow, e.g. rate or direction	
N	B22F 10/34	2	of powder characteristics, e.g. density, oxidation or flowability	
N	B22F 10/36	2	of energy beam parameters	
N	B22F 10/362	3	for preheating	
N	B22F 10/364	3	for post-heating, e.g. remelting	
N	B22F 10/366	3	Scanning parameters, e.g. hatch distance or scanning strategy	
N	B22F 10/368	3	Temperature or temperature gradient, e.g. temperature of the melt pool	
N	B22F 10/37	2	of powder bed aspects, e.g. density	
N	B22F 10/38	2	to achieve specific product aspects, e.g. surface smoothness, density, porosity or hollow structures	
N	B22F 10/385	3	{Overhang structures}	
N	B22F 10/39	2	Traceability, e.g. incorporating identifier into a workpiece or article	

CPC NOTICE OF CHANGES 955

PRIOR PUBLICATION DATE: JANUARY 1, 2021

PUBLICATION DATE: FEBRUARY 16, 2021

PROJECT RP0707

CORRECTED PUBLICATION

<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>
N	B22F 10/40	1	Structures for supporting workpieces or articles during manufacture and removed afterwards	
N	B22F 10/43	2	characterised by material	
N	B22F 10/47	2	characterised by structural features	
N	B22F 10/50	1	Treatment of workpieces or articles during build-up, e.g. treatments applied to fused layers during build-up	
N	B22F 10/60	1	Treatment of workpieces or articles after build-up	
N	B22F 10/62	2	by chemical means	
N	B22F 10/64	2	by thermal means (control of energy beam parameters for post heating B22F 10/364)	
N	B22F 10/66	2	by mechanical means	
N	B22F 10/68	2	Cleaning or washing	
N	B22F 10/70	1	Recycling	
N	B22F 10/73	2	of powder	
N	B22F 10/77	2	of gas	
N	B22F 10/80	1	Data acquisition or data processing	
N	B22F 10/85	2	for controlling or regulating additive manufacturing processes	
N	B22F 12/00	0	Apparatus or devices specially adapted for additive manufacturing; Auxiliary means for additive manufacturing; Combinations of additive manufacturing apparatus or devices with other processing apparatus or devices	
N	B22F 12/10	1	Auxiliary heating means	
N	B22F 12/13	2	to preheat the material	
N	B22F 12/17	2	to heat the build chamber or platform	
N	B22F 12/20	1	Cooling means	
N	B22F 12/22	1	{Driving means}	
N	B22F 12/222	2	{for motion along a direction orthogonal to the plane of a layer}	
N	B22F 12/224	2	{for motion along a direction within the plane of a layer}	
N	B22F12/226	2	{for rotary motion}	
N	B22F 12/30	1	Platforms or substrates	

CPC NOTICE OF CHANGES 955

PRIOR PUBLICATION DATE: JANUARY 1, 2021

PUBLICATION DATE: FEBRUARY 16, 2021

PROJECT RP0707

CORRECTED PUBLICATION

<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>
N	B22F 12/33	2	translatory in the deposition plane	
N	B22F 12/37	2	Rotatable	
N	B22F 12/38	1	{Housings, e.g. machine housings}	
N	B22F 12/40	1	Radiation means	
N	B22F 12/41	2	characterised by the type, e.g. laser or electron beam	
N	B22F 12/42	3	Light-emitting diodes [LED]	
N	B22F 12/43	3	pulsed; frequency modulated	
N	B22F 12/44	2	characterised by the configuration of the radiation means	
N	B22F 12/45	3	Two or more	
N	B22F 12/46	2	with translatory movement	
N	B22F 12/47	3	parallel to the deposition plane	
N	B22F 12/48	3	in height, e.g. perpendicular to the deposition plane	
N	B22F 12/49	2	Scanners	
N	B22F 12/50	1	Means for feeding of material, e.g. heads	
N	B22F 12/52	2	Hoppers	
N	B22F 12/53	2	Nozzles	
N	B22F 12/55	2	Two or more means for feeding material	
N	B22F 12/57	2	Metering means	
N	B22F 12/58	2	for changing the material composition, e.g. by mixing	
N	B22F 12/60	1	Planarisation devices; Compression devices	
N	B22F 12/63	2	Rollers	
N	B22F 12/67	2	Blades	
N	B22F 12/70	1	Gas flow means	
N	B22F 12/80	1	Plants, production lines or modules	
N	B22F 12/82	2	Combination of additive manufacturing apparatus or devices with other processing apparatus or devices	
N	B22F 12/84	3	Parallel processing within single device	
N	B22F 12/86	3	Serial processing with multiple devices grouped	
N	B22F 12/88	2	Handling of additively manufactured products, e.g. by robots	
N	B22F 12/90	1	Means for process control, e.g. cameras or sensors	

PRIOR PUBLICATION DATE: JANUARY 1, 2021

PUBLICATION DATE: FEBRUARY 16, 2021

PROJECT RP0707

CORRECTED PUBLICATION

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

NOTES:

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

CPC NOTICE OF CHANGES 955

PRIOR PUBLICATION DATE: JANUARY 1, 2021

PUBLICATION DATE: FEBRUARY 16, 2021

PROJECT RP0707

CORRECTED PUBLICATION

3. **CORRECTED REVISION CONCORDANCE LIST (RCL)**

<u>Type*</u>	<u>From CPC Symbol (existing)</u>	<u>To CPC Symbol(s)</u>
D	B22F 3/008	<administrative transfer to B22F 10/10 >
D	B22F 3/1055	<administrative transfer to B22F 10/20 >
D	B22F 2003/1056	<administrative transfer to B22F 12/00 INV >
D	B22F 2003/1057	<administrative transfer to B22F 10/30 INV >
D	B22F 2003/1058	<administrative transfer to B22F 10/40 INV >
D	B22F 2003/1059	<administrative transfer to B22F 10/70 INV >

* 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.

The originally published Notice of Changes follows.

CPC NOTICE OF CHANGES 955

PRIOR PUBLICATION DATE: JANUARY 1, 2021
PUBLICATION DATE: FEBRUARY 16, 2021

PROJECT RP0707

CORRECTED PUBLICATION

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	3/008, 3/1055, 2003/1056, 2003/1057, 2003/1058, 2003/1059
Symbols New:	B22F	10/00, 10/10, 10/12, 10/14, 10/16, 10/18, 10/20, 10/22, 10/25, 10/28, 10/30, 10/31, 10/32, 10/322, 10/34, 10/36, 10/362, 10/364, 10/366, 10/368, 10/37, 10/38, 10/385, 10/39, 10/40, 10/43, 10/47, 10/50, 10/60, 10/62, 10/64, 10/66, 10/68, 10/70, 10/73, 10/77, 10/80, 10/85
	B22F	12/00, 12/10, 12/13, 12/17, 12/20, 12/22, 12/222, 12/224, 12/226, 12/30, 12/33, 12/37, 12/38, 12/40, 12/41, 12/42, 12/43, 12/44, 12/45, 12/46, 12/47, 12/48, 12/49, 12/50, 12/52, 12/53, 12/55, 12/57, 12/58, 12/60, 12/63, 12/67, 12/70, 12/80, 12/82, 12/84, 12/86, 12/88, 12/90
Warnings New:	B22F	3/00
	B22F	10/00, 10/10, 10/20, 10/30, 10/40, 10/50, 10/60, 10/70, 10/80
	B22F	12/00
DEFINITIONS:		
Definitions Modified:	B22F	3/105

The following subclasses/groups are also impacted by this Notice of Changes (indicate subclasses/groups outside of the project scope, such as those listed in the CRL): B28B 1/001, B23K 26/34, B29C 64/153, B33Y, C04B 2235/665

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)

CPC NOTICE OF CHANGES 955

PRIOR PUBLICATION DATE: JANUARY 1, 2021
PUBLICATION DATE: FEBRUARY 16, 2021

PROJECT RP0707

CORRECTED PUBLICATION

- C. New, Modified or Deleted Note(s)
- D. New, Modified or Deleted Guidance Heading(s)

2. DEFINITIONS

- A. New or Modified Definitions (Full definition template)
 - B. Modified or Deleted Definitions (Definitions Quick Fix)
3. REVISION CONCORDANCE LIST (RCL)
 4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)
 5. CHANGES TO THE CROSS-REFERENCE LIST (CRL)

PRIOR PUBLICATION DATE: JANUARY 1, 2021
PUBLICATION DATE: FEBRUARY 16, 2021

PROJECT RP0707

CORRECTED PUBLICATION

2. CLASSIFICATION SCHEME CHANGES

B. New, Modified or Deleted Group(s)

WORKING METALLIC POWDER; MANUFACTURE OF ARTICLES FROM METALLIC POWDER; MAKING 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>
C	B22F 3/00	0	Manufacture of workpieces or articles from metallic powder characterised by the manner of compacting or sintering; Apparatus specially adapted therefor {; Presses and furnaces}	B22F 3/00, B22F10/00, B22F 10/10, B22F 10/12, B22F 10/14, B22F 10/16, B22F 10/18, B22F 10/20, B22F 10/22, B22F 10/25, B22F 10/28, B22F 10/30, B22F 10/31, B22F 10/32, B22F 10/322, B22F 10/34, B22F 10/36, B22F 10/362, B22F 10/364, B22F 10/366, B22F 10/368, B22F 10/37, B22F 10/38, B22F 10/385, B22F 10/39, B22F 10/40, B22F 10/43, B22F 10/47, B22F 10/50, B22F 10/60, B22F 10/62, B22F 10/64, B22F 10/66, B22F 10/68, B22F 10/70, B22F 10/73, B22F 10/77, B22F 10/80, B22F 10/85, B22F 12/00, B22F 12/10, B22F 12/13, B22F 12/17, B22F 12/20, B22F 12/22, B22F 12/222, B22F 12/224, B22F 12/226, B22F 12/30, B22F 12/33, B22F 12/37, B22F 12/38, B22F 12/40, B22F 12/41, B22F 12/42, B22F 12/43, B22F 12/44, B22F 12/45, B22F 12/46, B22F 12/47, B22F 12/48, B22F 12/49, B22F 12/50, B22F 12/52, B22F 12/53, B22F 12/55, B22F 12/57, B22F 12/58,

PRIOR PUBLICATION DATE: JANUARY 1, 2021

PUBLICATION DATE: FEBRUARY 16, 2021

PROJECT RP0707

CORRECTED PUBLICATION

<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</u> <u>normally be enclosed in {curly</u> <u>brackets} **</u>	<u>Transferred to#</u>
				B22F 12/60, B22F 12/63, B22F 12/67, B22F 12/70, B22F 12/80, B22F 12/82, B22F 12/84, B22F 12/86, B22F 12/88, B22F 12/90
U	B22F 3/007	2	{by diffusion starting from non-amorphous articles prepared by powder metallurgy}	
D	B22F 3/008	1	{Selective deposition modelling (B22F 3/1055 takes precedence)}	<administrative transfer to B22F10/00>
U	B22F 2003/1054	3	{by microwave}	
D	B22F 3/1055	3	{Selective sintering, i.e. stereolithography (selective sintering of powdered plastics B29C 64/153)}	<administrative transfer to B22F10/00>
D	B22F 2003/1056	4	{Apparatus components, details or accessories}	<administrative transfer to B22F10/10 INV>
D	B22F 2003/1057	5	{for control or data processing, e.g. algorithms}	<administrative transfer to B22F10/10 INV>
D	B22F 2003/1058	5	{Support structures for the 3D object during manufacturing, e.g. using sacrificial material}	<administrative transfer to B22F10/00 INV>
D	B22F 2003/1059	5	{for cleaning or recycling}	<administrative transfer to B22F10/00 INV>
Q	B22F 10/00	0	Additive manufacturing of workpieces or articles from metallic powder (apparatus or devices therefor B22F 12/00)	B22F 10/00, B22F 10/10, B22F 10/12, B22F 10/14, B22F 10/16, B22F 10/18, B22F 10/20, B22F 10/22, B22F 10/25, B22F 10/28, B22F 10/30, B22F 10/31, B22F 10/32, B22F 10/322, B22F 10/34, B22F 10/36, B22F 10/362, B22F 10/364, B22F 10/366, B22F 10/368, B22F 10/37, B22F 10/38, B22F 10/385, B22F 10/39,

PRIOR PUBLICATION DATE: JANUARY 1, 2021

PUBLICATION DATE: FEBRUARY 16, 2021

PROJECT RP0707

CORRECTED PUBLICATION

<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>
				B22F 10/40, B22F 10/43, B22F 10/47, B22F 10/50, B22F 10/60, B22F 10/62, B22F 10/64, B22F 10/66, B22F 10/68, B22F 10/70, B22F 10/73, B22F 10/77, B22F 10/80, B22F 10/85, B22F 12/00, B22F 12/10, B22F 12/13, B22F 12/17, B22F 12/20, B22F 12/22, B22F 12/222, B22F 12/224, B22F 12/226, B22F 12/30, B22F 12/33, B22F 12/37, B22F 12/38, B22F 12/40, B22F 12/41, B22F 12/42, B22F 12/43, B22F 12/44, B22F 12/45, B22F 12/46, B22F 12/47, B22F 12/48, B22F 12/49, B22F 12/50, B22F 12/52, B22F 12/53, B22F 12/55, B22F 12/57, B22F 12/58, B22F 12/60, B22F 12/63, B22F 12/67, B22F 12/70, B22F 12/80, B22F 12/82, B22F 12/84, B22F 12/86, B22F 12/88, B22F 12/90
N	B22F 10/10	1	Formation of a green body	
N	B22F 10/12	2	by photopolymerisation, e.g. stereolithography [SLA] or digital light processing [DLP]	
N	B22F 10/14	2	by jetting of binder onto a bed of metal powder	
N	B22F 10/16	2	by embedding the binder within the powder bed	
N	B22F 10/18	2	by mixing binder with metal in filament form, e.g. fused filament fabrication [FFF]	
N	B22F 10/20	1	Direct sintering or melting	

PRIOR PUBLICATION DATE: JANUARY 1, 2021

PUBLICATION DATE: FEBRUARY 16, 2021

PROJECT RP0707

CORRECTED PUBLICATION

<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>
N	B22F 10/22	2	Direct deposition of molten metal	
N	B22F 10/25	2	Direct deposition of metal particles, e.g. direct metal deposition [DMD] or laser engineered net shaping [LENS]	
N	B22F 10/28	2	Powder bed fusion, e.g. selective laser melting [SLM] or electron beam melting [EBM]	
N	B22F 10/30	1	Process control	
N	B22F 10/31	2	Calibration of process steps or apparatus settings, e.g. before or during manufacturing	
N	B22F 10/32	2	of the atmosphere, e.g. composition or pressure in a building chamber	
N	B22F 10/322	3	of the gas flow, e.g. rate or direction	
N	B22F 10/34	2	of powder characteristics, e.g. density, oxidation or flowability	
N	B22F 10/36	2	of energy beam parameters	
N	B22F 10/362	3	for preheating	
N	B22F 10/364	3	for post-heating, e.g. remelting	
N	B22F 10/366	3	Scanning parameters, e.g. hatch distance or scanning strategy	
N	B22F 10/368	3	Temperature or temperature gradient, e.g. temperature of the melt pool	
N	B22F 10/37	2	of powder bed aspects, e.g. density	

CPC NOTICE OF CHANGES 955

PRIOR PUBLICATION DATE: JANUARY 1, 2021

PUBLICATION DATE: FEBRUARY 16, 2021

PROJECT RP0707

CORRECTED PUBLICATION

<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>
N	B22F 10/38	2	to achieve specific product aspects, e.g. surface smoothness, density, porosity or hollow structures	
N	B22F 10/385	3	{Overhang structures}	
N	B22F 10/39	2	Traceability, e.g. incorporating identifier into a workpiece or article	
N	B22F 10/40	1	Structures for supporting workpieces or articles during manufacture and removed afterwards	
N	B22F 10/43	2	characterised by material	
N	B22F 10/47	2	characterised by structural features	
N	B22F 10/50	1	Treatment of workpieces or articles during build-up, e.g. treatments applied to fused layers during build-up	
N	B22F 10/60	1	Treatment of workpieces or articles after build-up	
N	B22F 10/62	2	by chemical means	
N	B22F 10/64	2	by thermal means (control of energy beam parameters for post heating B22F 10/364)	
N	B22F 10/66	2	by mechanical means	
N	B22F 10/68	2	Cleaning or washing	
N	B22F 10/70	1	Recycling	
N	B22F 10/73	2	of powder	
N	B22F 10/77	2	of gas	
N	B22F 10/80	1	Data acquisition or data processing	

CPC NOTICE OF CHANGES 955

PRIOR PUBLICATION DATE: JANUARY 1, 2021

PUBLICATION DATE: FEBRUARY 16, 2021

PROJECT RP0707

CORRECTED PUBLICATION

<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>
N	B22F 10/85	2	for controlling or regulating additive manufacturing processes	
N	B22F 12/00	0	Apparatus or devices specially adapted for additive manufacturing; Auxiliary means for additive manufacturing; Combinations of additive manufacturing apparatus or devices with other processing apparatus or devices	
N	B22F 12/10	1	Auxiliary heating means	
N	B22F 12/13	2	to preheat the material	
N	B22F 12/17	2	to heat the build chamber or platform	
N	B22F 12/20	1	Cooling means	
N	B22F 12/22	1	{Driving means}	
N	B22F 12/222	2	{for motion along a direction orthogonal to the plane of a layer}	
N	B22F 12/224	2	{for motion along a direction within the plane of a layer}	
N	B22F12/226	2	{for rotary motion}	
N	B22F 12/30	1	Platforms or substrates	
N	B22F 12/33	2	translatory in the deposition plane	
N	B22F 12/37	2	Rotatable	
N	B22F 12/38	1	{Housings, e.g. machine housings}	
N	B22F 12/40	1	Radiation means	
N	B22F 12/41	2	characterised by the type, e.g. laser or electron beam	

PRIOR PUBLICATION DATE: JANUARY 1, 2021

PUBLICATION DATE: FEBRUARY 16, 2021

PROJECT RP0707

CORRECTED PUBLICATION

<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</u> <u>normally be enclosed in {curly</u> <u>brackets} **</u>	<u>Transferred to#</u>
N	B22F 12/42	3	Light-emitting diodes [LED]	
N	B22F 12/43	3	pulsed; frequency modulated	
N	B22F 12/44	2	characterised by the configuration of the radiation means	
N	B22F 12/45	3	Two or more	
N	B22F 12/46	2	with translatory movement	
N	B22F 12/47	3	parallel to the deposition plane	
N	B22F 12/48	3	in height, e.g. perpendicular to the deposition plane	
N	B22F 12/49	2	Scanners	
N	B22F 12/50	1	Means for feeding of material, e.g. heads	
N	B22F 12/52	2	Hoppers	
N	B22F 12/53	2	Nozzles	
N	B22F 12/55	2	Two or more means for feeding material	
N	B22F 12/57	2	Metering means	
N	B22F 12/58	2	for changing the material composition, e.g. by mixing	
N	B22F 12/60	1	Planarisation devices; Compression devices	
N	B22F 12/63	2	Rollers	
N	B22F 12/67	2	Blades	
N	B22F 12/70	1	Gas flow means	
N	B22F 12/80	1	Plants, production lines or modules	

CPC NOTICE OF CHANGES 955

PRIOR PUBLICATION DATE: JANUARY 1, 2021

PUBLICATION DATE: FEBRUARY 16, 2021

PROJECT RP0707

CORRECTED PUBLICATION

<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>
N	B22F 12/82	2	Combination of additive manufacturing apparatus or devices with other processing apparatus or devices	
N	B22F 12/84	3	Parallel processing within single device	
N	B22F 12/86	3	Serial processing with multiple devices grouped	
N	B22F 12/88	2	Handling of additively manufactured products, e.g. by robots	
N	B22F 12/90	1	Means for process control, e.g. cameras or sensors	

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

NOTES:

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

CPC NOTICE OF CHANGES 955

PRIOR PUBLICATION DATE: JANUARY 1, 2021
PUBLICATION DATE: FEBRUARY 16, 2021

PROJECT RP0707

CORRECTED PUBLICATION

- 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.

PRIOR PUBLICATION DATE: JANUARY 1, 2021

PUBLICATION DATE: FEBRUARY 16, 2021

PROJECT RP0707

CORRECTED PUBLICATIONC. New, Modified or Deleted Warning(s)

SUBCLASS B22F - WORKING METALLIC POWDER; MANUFACTURE OF ARTICLES FROM METALLIC POWDER; MAKING 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 3/00		Group B22F 3/00 is impacted by reclassification into groups B22F 10/00 - B22F 12/90. Groups B22F 3/00 and B22F 10/00 - B22F 12/90 should be considered in order to perform a complete search.
N	B22F 10/00		Group B22F 10/00 is incomplete pending reclassification of documents from group B22F 3/00. Group B22F 10/00 is also impacted by reclassification into groups B22F 10/10 - B22F 12/90. All groups listed in this Warning should be considered in order to perform a complete search.
N	B22F 10/10		Groups B22F 10/10 - B22F 10/18 are incomplete pending reclassification of documents from groups B22F 3/00 and B22F 10/00. All groups listed in this Warning should be considered in order to perform a complete search.
N	B22F 10/20		Groups B22F 10/20 - B22F 10/28 are incomplete pending reclassification of documents from groups B22F 3/00 and B22F 10/00. All groups listed in this Warning should be considered in order to perform a complete search.

CPC NOTICE OF CHANGES 955

PRIOR PUBLICATION DATE: JANUARY 1, 2021
PUBLICATION DATE: FEBRUARY 16, 2021

PROJECT RP0707

CORRECTED PUBLICATION

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	B22F 10/30		Groups B22F 10/30 - B22F 10/39 are incomplete pending reclassification of documents from groups B22F 3/00 and B22F 10/00. All groups listed in this Warning should be considered in order to perform a complete search.
N	B22F 10/40		Groups B22F 10/40 - B22F 10/47 are incomplete pending reclassification of documents from groups B22F 3/00 and B22F 10/00. All groups listed in this Warning should be considered in order to perform a complete search.
N	B22F 10/50		Group B22F 10/50 is incomplete pending reclassification of documents from groups B22F 3/00 and B22F 10/00. Groups B22F 3/00, B22F 10/00, and B22F 10/50 should be considered in order to perform a complete search.
N	B22F 10/60		Groups B22F 10/60 - B22F 10/68 are incomplete pending reclassification of documents from groups B22F 3/00 and B22F 10/00. All groups listed in this Warning should be considered in order to perform a complete search.
N	B22F 10/70		Groups B22F 10/70 - B22F 10/77 are incomplete pending reclassification of documents from groups B22F 3/00 and B22F 10/00. All groups listed in this Warning should be considered in order to perform a complete search.

CPC NOTICE OF CHANGES 955

PRIOR PUBLICATION DATE: JANUARY 1, 2021

PUBLICATION DATE: FEBRUARY 16, 2021

PROJECT RP0707

CORRECTED PUBLICATION

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	B22F 10/80		Groups B22F 10/80 and B22F 10/85 are incomplete pending reclassification of documents from groups B22F 3/00 and B22F 10/00. All groups listed in this Warning should be considered in order to perform a complete search.
N	B22F 12/00		Groups B22F 12/00 - B22F 12/90 are incomplete pending reclassification of documents from groups B22F 3/00 and B22F 10/00. All groups listed in this Warning 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.

PRIOR PUBLICATION DATE: JANUARY 1, 2021

PUBLICATION DATE: FEBRUARY 16, 2021

PROJECT RP0707

CORRECTED PUBLICATION

2. A. DEFINITIONS (modified)**B22F 3/105****References*****Limiting references***

Replace: The existing Limiting references table with the following new table.

Making porous workpieces or articles	B22F 3/11
Manufacture of workpieces or articles by spraying molten metal	B22F 3/115

Informative references

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

Stereolithographic techniques for making dental prostheses	A61C 13/0013
Selective sintering of ceramic or cementitious material	B28B 1/00
Rapid manufacturing and prototyping of 3D objects by additive depositing, agglomerating or laminating of plastics material	B29C 64/00

CPC NOTICE OF CHANGES 955

PRIOR PUBLICATION DATE: JANUARY 1, 2021
PUBLICATION DATE: FEBRUARY 16, 2021

PROJECT RP0707

CORRECTED PUBLICATION

3. REVISION CONCORDANCE LIST (RCL)

<u>Type*</u>	<u>From CPC Symbol (existing)</u>	<u>To CPC Symbol(s)</u>
C	B22F 3/00	B22F 3/00, B22F 10/00, B22F 10/10, B22F 10/12, B22F 10/14, B22F 10/16, B22F 10/18, B22F 10/20, B22F 10/22, B22F 10/25, B22F 10/28, B22F 10/30, B22F 10/31, B22F 10/32, B22F 10/322, B22F 10/34, B22F 10/36, B22F 10/362, B22F 10/364, B22F 10/366, B22F 10/368, B22F 10/37, B22F 10/38, B22F 10/385, B22F 10/39, B22F 10/40, B22F 10/43, B22F 10/47, B22F 10/50, B22F 10/60, B22F 10/62, B22F 10/64, B22F 10/66, B22F 10/68, B22F 10/70, B22F 10/73, B22F 10/77, B22F 10/80, B22F 10/85, B22F 12/00, B22F 12/10, B22F 12/13, B22F 12/17, B22F 12/20, B22F 12/22, B22F 12/222, B22F 12/224, B22F 12/226, B22F 12/30, B22F 12/33, B22F 12/37, B22F 12/38, B22F 12/40, B22F 12/41, B22F 12/42, B22F 12/43, B22F 12/44, B22F 12/45, B22F 12/46, B22F 12/47, B22F 12/48, B22F 12/49, B22F 12/50, B22F 12/52, B22F 12/53, B22F 12/55, B22F 12/57, B22F 12/58, B22F 12/60, B22F 12/63, B22F 12/67, B22F 12/70, B22F 12/80, B22F 12/82, B22F 12/84, B22F 12/86, B22F 12/88, B22F 12/90
D	B22F 3/008	<administrative transfer to B22F 10/00>
D	B22F 3/1055	<administrative transfer to B22F 10/00>

CPC NOTICE OF CHANGES 955

PRIOR PUBLICATION DATE: JANUARY 1, 2021
PUBLICATION DATE: FEBRUARY 16, 2021

PROJECT RP0707

CORRECTED PUBLICATION

<u>Type*</u>	<u>From CPC Symbol (existing)</u>	<u>To CPC Symbol(s)</u>
D	B22F 2003/1056	<administrative transfer to B22F 10/10 INV>
D	B22F 2003/1057	<administrative transfer to B22F 10/10 INV>
D	B22F 2003/1058	<administrative transfer to B22F 10/00 INV>
D	B22F 2003/1059	<administrative transfer to B22F 10/00 INV>
Q	B22F 10/00	B22F 10/00, B22F 10/10, B22F 10/12, B22F 10/14, B22F 10/16, B22F 10/18, B22F 10/20, B22F 10/22, B22F 10/25, B22F 10/28, B22F 10/30, B22F 10/31, B22F 10/32, B22F 10/322, B22F 10/34, B22F 10/36, B22F 10/362, B22F 10/364, B22F 10/366, B22F 10/368, B22F 10/37, B22F 10/38, B22F 10/385, B22F 10/39, B22F 10/40, B22F 10/43, B22F 10/47, B22F 10/50, B22F 10/60, B22F 10/62, B22F 10/64, B22F 10/66, B22F 10/68, B22F 10/70, B22F 10/73, B22F 10/77, B22F 10/80, B22F 10/85, B22F 12/00, B22F 12/10, B22F 12/13, B22F 12/17, B22F 12/20, B22F 12/22, B22F 12/222, B22F 12/224, B22F 12/226, B22F 12/30, B22F 12/33, B22F 12/37, B22F 12/38, B22F 12/40, B22F 12/41, B22F 12/42, B22F 12/43, B22F 12/44, B22F 12/45, B22F 12/46, B22F 12/47, B22F 12/48, B22F 12/49, B22F 12/50, B22F 12/52, B22F 12/53, B22F 12/55, B22F 12/57, B22F 12/58, B22F 12/60, B22F 12/63, B22F 12/67, B22F 12/70, B22F 12/80, B22F 12/82, B22F 12/84, B22F 12/86, B22F 12/88, B22F 12/90

CPC NOTICE OF CHANGES 955

PRIOR PUBLICATION DATE: JANUARY 1, 2021
PUBLICATION DATE: FEBRUARY 16, 2021

PROJECT RP0707

CORRECTED PUBLICATION

* 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.

CPC NOTICE OF CHANGES 955

PRIOR PUBLICATION DATE: JANUARY 1, 2021
PUBLICATION DATE: FEBRUARY 16, 2021

PROJECT RP0707

CORRECTED PUBLICATION

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

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
B22F 3/008		DELETE
B22F 3/1055		DELETE
B22F 2003/1056		DELETE
B22F 2003/1057		DELETE
B22F 2003/1058		DELETE
B22F 2003/1059		DELETE
B22F 10/00	B22F 10/00	NEW
B22F 10/10	B22F 10/10	NEW
B22F 10/12	B22F 10/12	NEW
B22F 10/14	B22F 10/14	NEW
B22F 10/16	B22F 10/16	NEW
B22F 10/18	B22F 10/18	NEW
B22F 10/20	B22F 10/20	NEW
B22F 10/22	B22F 10/22	NEW
B22F 10/25	B22F 10/25	NEW
B22F 10/28	B22F 10/28	NEW
B22F 10/30	B22F 10/30	NEW
B22F 10/31	B22F 10/31	NEW
B22F 10/32	B22F 10/32	NEW
B22F 10/322	B22F 10/322	NEW
B22F 10/34	B22F 10/34	NEW
B22F 10/36	B22F 10/36	NEW
B22F 10/362	B22F 10/362	NEW
B22F 10/364	B22F 10/364	NEW
B22F 10/366	B22F 10/366	NEW
B22F 10/368	B22F 10/368	NEW
B22F 10/37	B22F 10/37	NEW
B22F 10/38	B22F 10/38	NEW
B22F 10/385	B22F 10/38	NEW
B22F 10/39	B22F 10/39	NEW
B22F 10/40	B22F 10/40	NEW
B22F 10/43	B22F 10/43	NEW
B22F 10/47	B22F 10/47	NEW
B22F 10/50	B22F 10/50	NEW
B22F 10/60	B22F 10/60	NEW
B22F 10/62	B22F 10/62	NEW
B22F 10/64	B22F 10/64	NEW
B22F 10/66	B22F 10/66	NEW

CPC NOTICE OF CHANGES 955

PRIOR PUBLICATION DATE: JANUARY 1, 2021
PUBLICATION DATE: FEBRUARY 16, 2021

PROJECT RP0707

CORRECTED PUBLICATION

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
B22F 10/68	B22F 10/68	NEW
B22F 10/70	B22F 10/70	NEW
B22F 10/73	B22F 10/73	NEW
B22F 10/77	B22F 10/77	NEW
B22F 10/80	B22F 10/80	NEW
B22F 10/85	B22F 10/85	NEW
B22F 12/00	B22F 12/00	NEW
B22F 12/10	B22F 12/10	NEW
B22F 12/13	B22F 12/13	NEW
B22F 12/17	B22F 12/17	NEW
B22F 12/20	B22F 12/20	NEW
B22F 12/22	B22F 12/00	NEW
B22F 12/222	B22F 12/00	NEW
B22F 12/224	B22F 12/00	NEW
B22F 12/226	B22F 12/00	NEW
B22F 12/30	B22F 12/30	NEW
B22F 12/33	B22F 12/33	NEW
B22F 12/37	B22F 12/37	NEW
B22F 12/38	B22F 12/00	NEW
B22F 12/40	B22F 12/40	NEW
B22F 12/41	B22F 12/41	NEW
B22F 12/42	B22F 12/42	NEW
B22F 12/43	B22F 12/43	NEW
B22F 12/44	B22F 12/44	NEW
B22F 12/45	B22F 12/45	NEW
B22F 12/46	B22F 12/46	NEW
B22F 12/47	B22F 12/47	NEW
B22F 12/48	B22F 12/48	NEW
B22F 12/49	B22F 12/49	NEW
B22F 12/50	B22F 12/50	NEW
B22F 12/52	B22F 12/52	NEW
B22F 12/53	B22F 12/53	NEW
B22F 12/55	B22F 12/55	NEW
B22F 12/57	B22F 12/57	NEW
B22F 12/58	B22F 12/58	NEW
B22F 12/60	B22F 12/60	NEW
B22F 12/63	B22F 12/63	NEW
B22F 12/67	B22F 12/67	NEW
B22F 12/70	B22F 12/70	NEW
B22F 12/80	B22F 12/80	NEW
B22F 12/82	B22F 12/82	NEW
B22F 12/84	B22F 12/84	NEW

CPC NOTICE OF CHANGES 955

PRIOR PUBLICATION DATE: JANUARY 1, 2021

PUBLICATION DATE: FEBRUARY 16, 2021

PROJECT RP0707

CORRECTED PUBLICATION

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
B22F 12/86	B22F 12/86	NEW
B22F 12/88	B22F 12/88	NEW
B22F 12/90	B22F 12/90	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.

PRIOR PUBLICATION DATE: JANUARY 1, 2021
PUBLICATION DATE: FEBRUARY 16, 2021

PROJECT RP0707

CORRECTED PUBLICATION

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>
B28B 1/001	B22F 3/008	<p>Replace: The symbol B22F 3/008 in the reference portion of the title with the following new symbol.</p> <p style="text-align: center;">B22F 10/00</p>

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>
B23K 26/34	B22F 3/1055	Informative references	<p>Replace: Existing Informative references symbol B22F 3/1055 with the following new symbol.</p> <p style="text-align: center;">B22F 10/20</p>
B29C 64/153	B22F 3/1055	Informative references	<p>Replace: Existing Informative references symbol B22F 3/1055 with the following new symbol.</p> <p style="text-align: center;">B22F 10/20</p>
B33Y	B22F 3/008	Informative references	<p>Replace: Existing Informative references symbol B22F 3/008 with the following new symbol.</p> <p style="text-align: center;">B22F 10/00</p>

CPC NOTICE OF CHANGES 955

PRIOR PUBLICATION DATE: JANUARY 1, 2021
PUBLICATION DATE: FEBRUARY 16, 2021

PROJECT RP0707

CORRECTED PUBLICATION

<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>
B33Y	B22F 3/1055	Informative references	Replace: Existing Informative references symbol B22F 3/1055 with the following new symbol. B22F 10/20
C04B 2235/665	B22F 3/1055	Informative references	Replace: Existing Informative references symbol B22F 3/1055 with the following new symbol. B22F 10/20

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.