

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 802

DATE: JANUARY 1, 2020

PROJECT: DP0214

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
DEFINITIONS:		
Definitions New:	B23K	26/352, 26/354
Definitions Modified:	B23K	Subclass
	B23K	26/00

No other subclasses/groups are impacted by this Notice of Changes.

This Notice of Changes includes the following [Check the ones included]:

1. CLASSIFICATION SCHEME CHANGES

- A. New, Modified or Deleted Group(s)
- B. New, Modified or Deleted Warning(s)
- C. New, Modified or Deleted Note(s)
- D. New, Modified or Deleted Guidance Heading(s)

2. DEFINITIONS

- A. New or Modified Definitions (Full definition template)
- B. Modified or Deleted Definitions (Definitions Quick Fix)

3. REVISION CONCORDANCE LIST (RCL)

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

5. CHANGES TO THE CROSS-REFERENCE LIST (CRL)

2. A. DEFINITIONS (new)

Insert: The following new Definitions

B23K 26/352

Definition statement

This place covers:

Glazing.

Nanostructuring, e.g. colouring metal.

Melting.

References

Informative references

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

For changing the physical structure of ferrous metals or alloys; Annealing metallic materials	C21D
For changing the physical structure of non-ferrous metals or alloys	C22F
Chemical coating, alloying or chemical coating of metallic materials	C23C
Annealing crystalline material	C30B 33/02
Laser treatment of semiconductor	H01L 21/00

Glossary of terms

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

DATE: JANUARY 1, 2020

PROJECT: DP0214

Annealing	Process that produces conditions by heating to above the recrystallization temperature, maintaining a suitable temperature, and then cooling.
-----------	---

B23K 26/354

References

Informative references

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

Laser melting or welding of glass; Surface treatment of glass	C03C
Laser re-melting of metals by wave energy	C22B9/22
Laser melting for crystal growth	C30B

CPC NOTICE OF CHANGES 802

DATE: JANUARY 1, 2020

PROJECT: DP0214

2. B. DEFINITIONS QUICK FIX

<u>Symbol</u>	<u>Location of change</u> (e.g., section title)	<u>Existing reference symbol or text</u>	<u>Action; New symbol; New text</u>
B23K	Special rules of classification	Upon classifying in B23K 31/00, B23K 33/00, B23K 35/00 or B23K 37/00, the appropriate classification in B23K 1/00-B23K 26/00 or subgroups should be added, if applicable.	Insert: In the Special rules section at the end of the existing paragraph, the text shown below: References B21C 23/22, B22D 19/08, B22D 23/04, B22F 7/00, B23Q, C23C and F23D are non-limiting in the subclass B23K. CPC will be updated/corrected once this inconsistency is resolved in IPC.
B23K 26/00	Limiting references	Laser lift-off by applying laser at an interface through the front layer B23K 26/402	DELETE from Limiting references and INSERT in Informative References.
B23K 26/00	Limiting references	Laser sintering of metallic powder B22F 3/105	DELETE from Limiting references and INSERT in Informative References.
B23K 26/00	Limiting references	Rapid manufacturing and prototyping of 3D objects by additive depositing, agglomerating or laminating of plastics material, e.g. by selective laser sintering B29C 64/00	DELETE from Limiting references and INSERT in Informative References.
B23K 26/00	Limiting references	Laser sintering of plastics B29C 67/04	DELETE from Limiting references and INSERT in Informative References.
B23K 26/00	Limiting references	Laser marking for applying identification marks B41M 5/24	DELETE from Limiting references and INSERT in Informative References.
B23K 26/00	Limiting references	Laser sintering of glass C03B 19/06	DELETE from Limiting references and INSERT in Informative References.
B23K 26/00	Limiting references	Laser sintering of ceramics C04B 35/64	DELETE from Limiting references and INSERT in Informative References.

CPC NOTICE OF CHANGES 802

DATE: JANUARY 1, 2020

PROJECT: DP0214

B23K 26/00	Limiting references	Re-melting metals C22B 9/00	DELETE from Limiting references and INSERT in Informative References.
B23K 26/00	Limiting references	Laser assisted deposition C23C	DELETE from Limiting references and INSERT in Informative References.
B23K 26/00	Limiting references	Laser assisted chemical etching C23F 1/00	DELETE from Limiting references and INSERT in Informative References.
B23K 26/00	Limiting references	Measuring length, thickness, angles, areas, irregularities of surfaces using laser G01B	DELETE from Limiting references and INSERT in Informative References.
B23K 26/00	Limiting references	Originals for photomechanical production of textured or patterned surfaces, e.g., masks, photo- masks, reticles; Mask blanks or pellicles therefor G03F 1/00	DELETE from Limiting references and INSERT in Informative References.

NOTES:

- The table above is used for corrections or modifications to existing definitions, e.g. delete an entire definition or part thereof; propose new wording or modify wording of a section, change the symbol the definition is associated with, change or delete a reference symbol, etc.
- Do not delete (F) symbol definitions.