

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 256

DATE: AUGUST 1, 2016

PROJECT MP0227

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
Symbol deleted:	B32B	2310/02
Indent changes:	B32B	2310/021
	B32B	2310/022
	B32B	2310/024
	B32B	2310/025
	B32B	2310/027
	B32B	2310/028
	B32B	2310/04
	B32B	2310/0409
	B32B	2310/0418
	B32B	2310/0427
	B32B	2310/0436
	B32B	2310/0445
	B32B	2310/0454
	B32B	2310/0463
	B32B	2310/0472
	B32B	2310/0481
	B32B	2310/049
	B32B	2310/08
	B32B	2310/0806
	B32B	2310/0812
	B32B	2310/0818
	B32B	2310/0825
	B32B	2310/0831
	B32B	2310/0837
	B32B	2310/0843
	B32B	2310/085
	B32B	2310/0856
	B32B	2310/0862
	B32B	2310/0868
	B32B	2310/0875
	B32B	2310/0881
	B32B	2310/0887
	B32B	2310/0893
	B32B	2310/12
	B32B	2310/14

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

This Notice of Changes includes the following:

1. CLASSIFICATION SCHEME CHANGES
 - A. New, Modified or Deleted Group(s)
 - B. New, Modified or Deleted Warning Notice(s)
 - C. New, Modified or Deleted Note(s)
 - D. New, Modified or Deleted Guidance Heading(s)
2. DEFINITIONS (New or Modified)
 - A. DEFINITIONS (Full definition template)
 - B. DEFINITIONS (Definitions Quick Fix)
3. REVISION CONCORDANCE LIST (RCL)
4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)
5. CROSS-REFERENCE LIST (CRL)

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1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

SUBCLASS B32B - LAYERED PRODUCTS, i.e. PRODUCTS BUILT-UP OF STRATA OF FLAT OR NON-FLAT, e.g. CELLULAR OR HONEYCOMB, FORM

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of</u> <u>dots (e.g. 0,</u> <u>1, 2)</u>	<u>Title</u> <u>(new or modified)</u> <u>“CPC only” text should normally be enclosed in</u> <u>{curly brackets}**</u>	<u>Transferred</u> <u>to#</u>
U	B32B2310/00	0	Treatment by energy or chemical effects	
D	B32B2310/02	1	Not used	
M	B32B2310/021	1	using electrical effects (B32B2310/08 and B32B2310/12 take precedence)	
M	B32B2310/022	2	Electrical resistance	
M	B32B2310/024	2	Peltier effect	
M	B32B2310/025	2	Electrostatic charges	
M	B32B2310/027	1	using friction	
M	B32B2310/028	1	using vibration, e.g. sonic or ultrasonic	
M	B32B2310/04	1	using liquids, gas or steam	
M	B32B2310/0409	2	using liquids	
M	B32B2310/0418	3	other than water	
M	B32B2310/0427	3	Liquified gases	
M	B32B2310/0436	3	Oil	
M	B32B2310/0445	2	using gas or flames (B32B2310/0427 takes precedence)	
M	B32B2310/0454	3	Hot air	
M	B32B2310/0463	3	other than air	
M	B32B2310/0472	4	inert gas	
M	B32B2310/0481	4	Ozone	
M	B32B2310/049	2	using steam or damp	
M	B32B2310/08	1	by wave energy or particle radiation	
M	B32B2310/0806	2	using electromagnetic radiation	
M	B32B2310/0812	3	using induction	
M	B32B2310/0818	4	using eddy currents	
M	B32B2310/0825	3	using IR radiation	
M	B32B2310/0831	3	using UV radiation	
M	B32B2310/0837	3	using actinic light	
M	B32B2310/0843	3	using laser	
M	B32B2310/085	3	using X-ray	
M	B32B2310/0856	3	using gamma-ray	
M	B32B2310/0862	3	using micro-wave	
M	B32B2310/0868	3	using radio frequency	
M	B32B2310/0875	2	using particle radiation	
M	B32B2310/0881	3	using ion-radiation, e.g. alpha-rays	
M	B32B2310/0887	3	using electron radiation, e.g. beta-rays	
M	B32B2310/0893	3	using neutron radiation	

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) “CPC only” text should normally be enclosed in {curly brackets}**	Transferred to#
M	B32B2310/12	1	using dielectric properties	
M	B32B2310/14	1	Corona, ionisation, electrical discharge, plasma treatment	

*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; E= 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).
- For U groups, the minimum requirement is to include the U group located immediately prior to the N group or N group array, in order to show the N group hierarchy and improve the readability and understanding of the scheme. 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 except “D” which requires only a symbol.
- #“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>” or “<administrative transfer to XX and YY simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be “invention information”, unless otherwise indicated, and to 2000 series groups is assumed to be “additional information”.