

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 455

DATE: JANUARY 1, 2018

PROJECT MP0362

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
Title wording change:	B29K	2296/02
	B29K	2296/04
	B29K	2696/02
	B29K	2696/04
Modified Definition:	B29K	subclass

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

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

1. CLASSIFICATION SCHEME CHANGES
 - A. New, Modified or Deleted Group(s)
 - B. New, Modified or Deleted Warning 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 B29K- INDEXING SCHEME ASSOCIATED WITH SUBCLASSES B29B,B29C OR B29D, RELATING TO MOULDING MATERIALS

<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</u> <u>be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	B29K 2296/02	1	Graft polymers	
M	B29K 2296/04	1	Block polymers	
M	B29K 2696/02	1	Graft polymers	
M	B29K 2696/04	1	Block polymers	

*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”.

2. A. DEFINITIONS (modified)

B29K

Definition statement

This place covers:

Delete: The first paragraph “In accordance with the Note B29 ..., e.g. inserts. It further provides Indexing Codes for mould materials.”

Replace with: The following new paragraph:

“This subclass constitutes an indexing scheme associated with subclasses B29B, B29C or B29D, which provides information concerning moulding materials (composition, condition, form or state) or compositions for reinforcements, fillers and preformed parts, e.g. as inserts.”

Insert: The following new paragraphs immediately following the 3rd paragraph “This subclass provides further preformed parts and moulds.”

The following polymeric substances as moulding material, reinforcement, filler and/or preformed parts:

- cellulose, cellulose derivatives and rubbers;
- polyalkenes, vinyl-polymers, polymers of unsaturated acids, polymers of unsaturated cyclic compounds having no unsaturated aliphatic groups;
- polyacetals, condensation polymers of aldehydes or ketones, epoxy resins, polyesters, polycarbonates, polyethers, polyureas or polyurethanes, polyamides;
- other polymers having oxygen, nitrogen, sulfur, silicon or others in the main chain;
- specific polymers obtained by polymerisation involving carbon-to-carbon unsaturated bonds, polycondensation or polyaddition;
- waxes (except as reinforcement), bituminous materials, resin-bonded materials; and
- other specified or unspecified macromolecular materials.

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The following substances as reinforcement, filler and/or preformed parts:

- metals, their alloys or their compounds, elements other than metals, other inorganic materials, other natural products or their composites.

Condition, form or state of moulded plastics or substances in a plastic state.

Special rules of classification

Delete: The following 1st paragraph:

“It is desirable to apply the Indexing Codes ...unclaimed disclosures, if it is useful for search purposes.”

Insert: The following new paragraph as the first paragraph:

“The indexing codes provided in this subclass can only be applied in association with classification symbols of the subclasses B29B, B29C or B29D.”

Glossary of terms

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

Insert: The following two new rows in the **Glossary of terms** table:

Rubber	a) natural or conjugated diene-based rubber (b) rubber in general (for a specific rubber, other than a natural rubber or a conjugated diene-based rubber)
Block	Part of a polymer composed by a same monomeric unity

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Replace: The current four rows in the **Glossary** table with:

Reinforcement	Structure in the form of fibres, wires, rods, bars, sections, plates or blocks, which improves the strength of an article
Filler	Relatively inert substance in the form of particles, powder, beads, flakes or spheres, which improves the physical properties or increases the bulk or weight of an article
Preformed part	Any material, being completely shaped to have a determined form and which is not used as a reinforcement, e.g. wires or nets forced only into the surface of an article
Insert	Preformed part incorporated in an article during moulding; the insert can be incorporated completely or partially, e.g. only its edge or its surface