

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 150

DATE: JANUARY 1, 2016

PROJECT MP0262

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
<b>Title wording changes:</b>	B31C	subclass
	B31C	7/00
	B31C	9/00
	B31D	subclass
	B31D	1/02
	B31D	5/00
	B31F	subclass
	B31F	1/00
	B31F	1/07
	B31F	1/20
	B31F	5/00
<b>Modified Definitions:</b>	B31C	subclass
	B31C	7/00
	B31D	subclass
	B31D	5/00
	B31F	subclass
	B31F	1/00
	B31F	1/07
	B31F	1/20
	B31F	5/00

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 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)

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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 B31C - MAKING WOUND ARTICLES, e.g. WOUND TUBES, OF PAPER OR CARDBOARD**  
(characteristics relating to the working of plastics B29; shaping of plastics or substances in a plastic state B29C)

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	B31C	SUBCLASS	MAKING WOUND ARTICLES, e.g. WOUND TUBES, OF PAPER OR CARDBOARD	
M	B31C7/00	0	Forming conical articles of paper or cardboard by winding	
M	B31C9/00	0	Simultaneous forming of cylindrical and conical shapes by winding separate webs, e.g. forming bottles	

**SUBCLASS B31D - MAKING ARTICLES OF PAPER OR CARDBOARD NOT PROVIDED FOR IN SUBCLASSES B31B OR B31C manufacture by dry processes of articles made from particles or fibres consisting of wood or other lignocellulosic or like organic material B27N; making layered products not composed wholly of paper or cardboard B32B; making cardboard or paper D21F, D21H; making articles from cellulosic fibrous suspensions, e.g. wood pulp D21J**

M	B31D	SUBCLASS	MAKING ARTICLES OF PAPER OR CARDBOARD NOT PROVIDED FOR IN SUBCLASSES B31B OR B31C (manufacture by dry processes of articles made from particles or fibres consisting of wood or other lignocellulosic or like organic material B27N; making layered products not composed wholly of paper or cardboard B32B; making articles from cellulosic fibrous suspensions, e.g. wood pulp, D21J)	
M	B31D1/02	1	the articles being labels or tags	
M	B31D5/00	0	Multiple-step processes for making three-dimensional articles{; Making three-dimensional articles }	

**SUBCLASS B31F - MECHANICAL WORKING OR DEFORMATION OF PAPER OR CARDBOARD cutting, trimming, in general B26; incising, scoring, in general B26D3/08; making layered products not composed wholly of paper or cardboard B32B; multi-ply material of paper or cardboard, its manufacture D21H**

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M	B31F	SUBCLASS	MECHANICAL WORKING OR DEFORMATION OF PAPER OR CARDBOARD (making layered products not composed wholly of paper or cardboard B32B)	
M	B31F1/00	0	Mechanical deformation of paper or cardboard without removing material, e.g. in combination with laminating	
M	B31F1/07	1	Embossing {, i.e. producing impressions formed by locally deep-drawing, e.g. using rolls provided with complementary profiles} ({B31F1/128 takes precedence;} corrugating B31F1/20; embossing in combination with printing B41F19/02, B41M1/24; typewriters for embossing B41J3/38; stamping in combination with deforming B41K3/36)	
M	B31F1/20	1	Corrugating; Corrugating combined with laminating to other paper or cardboard layers	
M	B31F5/00	0	Attaching together paper or cardboard sheets, strips or webs {or other preformed paper articles (joining by rim-rolling B31F1/0041, B31F1/009; closing tube ends by inserting an element B31F1/008, making boxes B31B)}; Reinforcing edges of paper or cardboard	

\*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”.

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## 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>
B31C (subclass)	Informative references		<b><u>Insert (as first table row):</u></b>  Making wound articles of material in a plastic state B29C53/56
B31C7/00	Definition statement	Winding blanks	Forming conical paper articles by winding, e.g. winding blanks
B31C7/00	Special rules of classification within this group	The reference in the title winding blanks B31B is IPC based. Said reference is not followed, hence the scope of B31C7/00 encompasses winding blanks	<b><u>Delete entire section</u></b>
B31D (subclass)			<b><u>Insert after References relevant section:</u></b>  Informative references  Making cardboard or paper D21F, D21H
B31D5/00	Informative references	<b><u>Delete:</u></b>  Entire Informative reference section	<b><u>Replace with:</u></b>  References relevant to classification in this group  <i>Examples of places where the subject matter of this class is covered when specially adapted, used for a particular purpose, or incorporated in a larger system :</i>  Assembly or manufacture of garlands A41G1/04
B31D5/00	References relevant to classification in this group		<b><u>Insert:</u></b>  <i>Places in relation to which this group is residual:</i> Making receptacles or containers B31B Making tubes B31B, B31C

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<b><u>Symbol</u></b>	<b><u>Location of change</u></b> (e.g., section title)	<b><u>Existing reference symbol or text</u></b>	<b><u>Action; New symbol; New text</u></b>
B31F (subclass)			<p><b><u>Insert:</u></b></p> <p>Informative references</p> <p><i>Attention is drawn to the following places, which may be of interest for search:</i></p> <p>Cutting, trimming, in general B26</p> <p>Incising, scoring, in general B26D3/08</p> <p>Multi-ply material of paper or cardboard, manufacture thereof D21H</p>
B31F1/00	Informative references	Folding thin material B65H45/00	<p><b><u>Insert (after first table row):</u></b></p> <p>Mechanical deformation during paper or cardboard making D21F, D21G</p>
B31F1/00			<p><b><u>Insert:</u></b> <i>References relevant to classification in this group</i></p> <p><i>Examples of places where the subject matter of this class is covered when specially adapted, used for a particular purpose, or incorporated in a larger system):</i></p> <p>Producing decorative effects by processes for stamping ornamental designs on surfaces B44C1/24</p>
B31F1/07			<p><b><u>Insert:</u></b> <i>References relevant to classification in this group</i></p> <p><i>Examples of places where the subject matter of this class is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:</i></p> <p>Machines or apparatus for embossing decorations or marks B44B5/00</p> <p>Artists hand tools for embossing B44B11/04</p>
B31F1/20	Informative references		<p><b><u>Insert (as first three table rows):</u></b></p> <p>Corrugating sheet metal B21D13/00</p> <p>Corrugating veneer B27D</p> <p>Corrugating plastics material B29C53/22</p>

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<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>
B31F5/00			<p><b><u>Insert: References relevant to classification in this group</u></b></p> <p><i>Examples of places where the subject matter of this class is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:</i></p> <p>Stapling in making boxes, bags or the like B31B, e.g. B31B1/68, B31B19/68</p> <p>Attaching the replacement web to the expiring web during web-roll changing B65H19/18</p> <p>Apparatus for splicing webs during handling B65H21/00</p>
B31F5/00	Informative references		<p><b><u>Insert (as first row):</u></b></p> <p>Means for applying adhesive or glue B05C</p>

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.