

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1005

DATE: JANUARY 1, 2021

PROJECT MP0480

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Titles Changed:	B60C	SUBCLASS
	B60C	3/00, 3/08
	B60C	5/20
	B60C	7/00, 7/10, 7/12
	B60C	9/00
	B60C	11/01
	B60C	15/02, 15/024, 15/028, 15/04
	B60C	17/00, 17/01, 17/08
	B60C	19/04, 19/08, 19/12
	B60C	23/00, 23/06, 23/10, 23/16
	B60C	25/00, 25/01, 25/02, 25/05, 25/128, 25/13, 25/14
	B60C	27/02, 27/20, 27/22
	B60C	29/00
Warnings Modified:	B60C	SUBCLASS
DEFINITIONS:		
Definitions New:	B60C	SUBCLASS
	B60C	3/00, 3/08
	B60C	7/00, 7/10, 7/12
	B60C	9/00
	B60C	15/02, 15/04
	B60C	17/00, 17/08
	B60C	19/12
	B60C	23/06
Definitions Modified:	B60C	23/00
	B60C	25/00, 25/02, 25/05
	B60C	27/22
	B60C	29/00

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)

CPC NOTICE OF CHANGES 1005

DATE: JANUARY 1, 2021

PROJECT MP0480

- 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)

CPC NOTICE OF CHANGES 1005

DATE: JANUARY 1, 2021

PROJECT MP0480

1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

SUBCLASS B60C - VEHICLE TYRES; TYRE INFLATION; TYRE CHANGING OR REPAIRING; REPAIRING, OR CONNECTING VALVES TO, INFLATABLE ELASTIC BODIES IN GENERAL; DEVICES OR ARRANGEMENTS RELATED TO TYRES

<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>
M	B60C	Subclass	VEHICLE TYRES TYRE INFLATION; TYRE CHANGING OR REPAIRING; REPAIRING, OR CONNECTING VALVES TO, INFLATABLE ELASTIC BODIES IN GENERAL; DEVICES OR ARRANGEMENTS RELATED TO TYRES	
M	B60C 3/00	0	Tyres characterised by the transverse section	
M	B60C 3/08	1	collapsible into storage or non-use condition, e.g. space-saving spare tyres	
M	B60C 5/20	1	having multiple separate inflatable chambers	
M	B60C 7/00	0	Non-inflatable or solid tyres (B60C 1/00 takes precedence)	
M	B60C 7/10	1	characterised by means for increasing resiliency	
M	B60C 7/12	2	using enclosed chambers, e.g. gas-filled	
M	B60C 9/00	0	Reinforcements or ply arrangement of pneumatic tyres (inserts having reinforcing means B60C 5/08; bead structure, e.g. turnup or overlap construction, B60C 15/00)	
M	B60C 11/01	1	Shape of the shoulders between tread and sidewall, e.g. rounded, stepped or cantilevered	

CPC NOTICE OF CHANGES 1005

DATE: JANUARY 1, 2021

PROJECT MP0480

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title “CPC only” text should normally be enclosed in {curly brackets}**	Transferred to#
M	B60C 15/02	1	Seating or securing beads on rims (sealing means between beads and rims of tubeless tyres B60C 5/16; means for securing solid tyres on rims B60C 7/24)	
M	B60C 15/024	2	Bead contour, e.g. lips, grooves, or ribs	
M	B60C 15/028	2	Spacers between beads (emergency load-supporting means B60C 17/00)	
M	B60C 15/04	1	Bead cores	
M	B60C 17/00	0	Tyres characterised by means enabling restricted operation in damaged or deflated condition; Accessories therefor	
M	B60C 17/01	1	utilising additional inflatable supports which become load-supporting in emergency	
M	B60C 17/08	1	Means facilitating folding of sidewalls, e.g. run-flat sidewalls	
M	B60C 19/04	1	Tyre with openings closeable by means other than the rim; Closing means therefor	
M	B60C 19/08	1	Electric-charge-dissipating arrangements	
M	B60C 19/12	1	Puncture preventing arrangements	
M	B60C 23/00	0	Devices for measuring, signalling, controlling, or distributing tyre pressure or temperature, specially adapted for mounting on vehicles; Arrangement of tyre inflating devices on vehicles, e.g. of pumps or of tanks; Tyre cooling arrangements	
M	B60C 23/06	1	Signalling devices actuated by deformation of the tyre {, e.g. tyre mounted deformation sensors or indirect determination of tyre deformation based on wheel speed, wheel-centre to ground distance or inclination of wheel axle}	

CPC NOTICE OF CHANGES 1005

DATE: JANUARY 1, 2021

PROJECT MP0480

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title “CPC only” text should normally be enclosed in {curly brackets}**	Transferred to#
M	B60C 23/10	1	Arrangement of tyre-inflating pumps mounted on vehicles	
M	B60C 23/16	1	Arrangement of air tanks mounted on vehicles	
M	B60C 25/00	0	Apparatus or tools adapted for mounting, removing or inspecting tyres (testing of tyres G01M 17/02)	
M	B60C 25/01	1	for removing tyres from or mounting tyres on wheels	
M	B60C 25/02	2	Tyre levers or the like, e.g. hand-held	
M	B60C 25/05	2	Machines	
M	B60C 25/128	4	acting axially on the whole circumference of the bead or side wall	
M	B60C 25/13	4	acting axially on a part of the bead or side wall only at localised regions of the bead or side wall	
M	B60C 25/14	1	Apparatus or tools for spreading {or locating} tyre beads	
M	B60C 27/02	1	extending over restricted arcuate part of tread (B60C 27/20 takes precedence)	
M	B60C 27/20	1	having ground-engaging plate-like elements	
M	B60C 27/22	1	for tandem tyres	
M	B60C 29/00	0	Arrangements of tyre-inflating valves to tyres or rims; Accessories for tyre-inflating valves, not otherwise provided for (tools for mounting or demounting valves B60C 25/18)	

*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

CPC NOTICE OF CHANGES 1005

DATE: JANUARY 1, 2021

PROJECT MP0480

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 1005

DATE: JANUARY 1, 2021

PROJECT MP0480

B. New, Modified or Deleted Warning(s)

SUBCLASS B60C - VEHICLE TYRES; TYRE INFLATION; TYRE CHANGING OR REPAIRING; REPAIRING, OR CONNECTING VALVES TO, INFLATABLE ELASTIC BODIES IN GENERAL; DEVICES OR ARRANGEMENTS RELATED TO TYRES

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
M	B60C	In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.	<p><u>Replace:</u> The text of the second existing Warning with the following modified text.</p> <p>{In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.}</p>

*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.

2. A. DEFINITIONS (new)

Insert: The following new Definitions.

B60C

References

Informative references

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

Manufacture, repairing	B29D 30/00
------------------------	----------------------------

B60C 3/00

References

Informative references

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

Tyres characterised by rail-engaging elements	B60B 17/00
-----------------------------------------------	----------------------------

DATE: JANUARY 1, 2021

PROJECT MP0480

B60C 3/08

References

Informative references

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

Run-flat tyres	B60C 17/08
----------------	----------------------------

B60C 7/00

References

Limiting references

This place does not cover:

Tyres characterised by the chemical composition or the physical arrangement or mixture of the composition	B60C 1/00
-----------------------------------------------------------------------------------------------------------	---------------------------

Informative references

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

Wheels characterised by rail-engaging elements	B60B 17/00
------------------------------------------------	----------------------------

CPC NOTICE OF CHANGES 1005

DATE: JANUARY 1, 2021

PROJECT MP0480

B60C 7/10

References

Informative references

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

Highly resilient wheels	B60B 9/00
-------------------------	---------------------------

B60C 7/12

References

Informative references

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

Inflatable tyres	B60C 5/00
------------------	---------------------------

DATE: JANUARY 1, 2021

PROJECT MP0480

B60C 9/00**References****Limiting references***This place does not cover:*

Inserts having reinforcing means	B60C 5/08
Bead structure, e.g. turnup or overlap construction	B60C15/00

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

Tyre cords per se	D02G 3/48
Fabrics per se	D03D, D04H
Metal ropes or cables per se	D07B 1/06

B60C 15/02**References****Limiting references***This place does not cover:*

Sealing means between beads and rims of tubeless tyres	B60C 5/16
Means for securing solid tyres on rims	B60C 7/24

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

Rims	B60B 21/00
------	----------------------------

CPC NOTICE OF CHANGES 1005

DATE: JANUARY 1, 2021

PROJECT MP0480

B60C 15/04

References

Informative references

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

Producing bead-rings or bead-cores for tyres	B29D 30/48
----------------------------------------------	----------------------------

B60C 17/00

References

Informative references

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

Tyres having multiple separate inflatable chambers	B60C 5/20
Tyres having additional shear belt layers	B60C 9/18

DATE: JANUARY 1, 2021

PROJECT MP0480

B60C 17/08

References

Informative references

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

Means facilitating folding of sidewalls for storage purposes	B60C 3/08
--------------------------------------------------------------	---------------------------

B60C 19/12

References

References out of a residual place

Examples of places in relation to which this place is residual:

Inflatable inserts having reinforcing means	B60C 5/08
Reinforcements or ply arrangement of pneumatic tyres	B60C 9/00

Informative references

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

Sealing compositions per se	B29C 73/163
Devices for introducing sealing compositions into the tyre	B29C 73/166

CPC NOTICE OF CHANGES 1005

DATE: JANUARY 1, 2021

PROJECT MP0480

B60C 23/06

References

Informative references

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

Wear-indicating arrangements	B60C 11/24
------------------------------	----------------------------

2. A. DEFINITIONS (modified)

B60C 23/00

References

Informative references

Insert: The following two new rows into the first table of the Informative references section.

Measuring in general	G01
Remote signalling in general	G08

Delete: The entire Special rules of classification section.

DATE: JANUARY 1, 2021

PROJECT MP0480

B60C 25/00

References

Limiting references

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

Testing of tyres	G01M 17/02
------------------	----------------------------

Informative references

Means for holding wheels or parts thereof	B60B 30/00
-------------------------------------------	----------------------------

B60C 25/02

References

Informative references

Replace: The text of the existing Informative references table row so that the row reads as follows.

Machine operated tyre levers	B60C 25/05
------------------------------	----------------------------

Delete: The entire Special rules of classification section.

DATE: JANUARY 1, 2021

PROJECT MP0480

B60C 25/05

References

Delete: The entire Limiting references section.

Informative references

Insert: The following new row into the Informative references table.

Matching of tyres with rims, i.e. conjoint balancing	G01M 1/30
------------------------------------------------------	---------------------------

B60C 27/22

References

Delete: The entire Limiting references section.

Insert: The following new Informative references section.

Informative references

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

Endless-track units	B62D 55/08
Endless track features between two wheels of different axes	B62D 55/24

DATE: JANUARY 1, 2021

PROJECT MP0480

B60C 29/00**References**

Insert: The following new Limiting references section.

Limiting references

This place does not cover:

Tools for mounting or demounting valves	B60C 25/18
-----------------------------------------	----------------------------

Delete: The entire References out of residual place section.

Informative references

Replace: The lowercase letters at the beginning of the Informative references table rows with capital letters so that the table reads as follows.

Devices for measuring tyre pressure mounted in the vehicle	B60C 23/00
Auto-repairing devices or arrangements (e.g. by introducing sealing compositions into the tyre)	B29C 73/16
Supplying air for tyre inflation	B60S 5/04
Pumps actuated by muscle power	F04B 33/00
Valves per se or valve dust caps	F16K
Check valves for inflatable bodies, e.g. tyres	F16K 15/20
Couplings of the quick acting type (e.g. valve connectors)	F16L 37/00
Devices for measuring tyre pressure (e.g. hand-held pressure gauges)	G01L 17/00

Delete: The entire existing Special rules of classification section.