

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1433

DATE: MAY 1, 2023

PROJECT MP11660

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:	B62D	1/065, 1/105, 1/166, 1/184, 1/24, 1/28
	B62D	5/00, 5/001, 5/005, 5/006, 5/0445, 5/0457, 5/0463, 5/075, 5/0835, 5/22
	B62D	6/003
	B62D	7/146, 7/1536, 7/1545, 7/1554, 7/1563, 7/1581, 7/16, 7/166, 7/22
	B62D	11/10, 11/105
	B62D	15/021, 15/025, 15/029
Notes Deleted:	B62D	Subclass
Notes Modified:	B62D	11/001
Guidance Headings Modified:	B62D	1/00
DEFINITIONS:		
Definitions Deleted: (no frozen (F) symbol definitions should be deleted)	B62D	5/0463
Definitions New:	B62D	1/105, 1/11, 1/166, 1/184, 1/19, 1/24, 1/26, 1/28
	B62D	5/006, 5/0445, 5/075, 5/08, 5/093, 5/20, 5/22
	B62D	6/003, 6/008, 6/06
	B62D	7/09, 7/146, 7/15, 7/1536, 7/1545, 7/1554, 7/1581, 7/16, 7/166, 7/20, 7/22
	B62D	11/10, 11/105
	B62D	12/00
	B62D	15/025, 15/029
Definitions Modified:	B62D	1/00, 1/18
	B62D	3/00
	B62D	5/00, 5/001, 5/005, 5/04, 5/0457, 5/065, 5/0835
	B62D	6/00
	B62D	7/00
	B62D	11/00
	B62D	15/00, 15/021

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

CPC NOTICE OF CHANGES 1433

DATE: MAY 1, 2023

PROJECT MP11660

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)

CPC NOTICE OF CHANGES 1433

DATE: MAY 1, 2023

PROJECT MP11660

1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

SUBCLASS B62D - MOTOR VEHICLES; TRAILERS

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> “CPC only” text should normally be enclosed in {curly brackets}**	<u>Transferred to#</u>
M	B62D 1/065	4	{Steering wheels with heating and ventilating means (heating and ventilation of steering wheel when connected to vehicle HVAC B60H 1/00292)}	
M	B62D 1/105	4	{Non-rotatable hubs, e.g. the central part of the steering wheel not rotating}	
M	B62D 1/166	3	{Means changing the transfer ratio between steering wheel and steering gear}	
M	B62D 1/184	4	Mechanisms for locking columns at selected positions	
M	B62D 1/24	1	not vehicle-mounted	
M	B62D 1/28	2	non-mechanical {, e.g. following a line or other known markers }	
M	B62D 5/00	0	Power-assisted or power-driven steering (for non-deflectable wheels B62D 11/00; fluid-pressure servomotors in general F15B)	
M	B62D 5/001	1	{Mechanical components or aspects of steer-by-wire systems, not otherwise provided for in this main group}	
M	B62D 5/005	2	{means for generating torque on steering wheel or input member, e.g. feedback}	
M	B62D 5/006	3	{power actuated}	
M	B62D 5/0445	3	{Screw drives }	
M	B62D 5/0457	2	{characterised by control features of the drive means as such}	
M	B62D 5/0463	4	{calculating assisting torque from the motor based on driver input}	
M	B62D 5/075	3	{using priority valves}	
M	B62D 5/0835	4	{characterised by means for actively influencing the deflection angle of the valve, e.g. depending on driving parameters}	
M	B62D 5/22	3	for rack-and-pinion type	
M	B62D 6/003	2	{in order to control vehicle yaw movement, i.e. around a vertical axis (B62D 6/007 takes precedence)}	

CPC NOTICE OF CHANGES 1433

DATE: MAY 1, 2023

PROJECT MP11660

M	B62D 7/146	3	{characterised by comprising means for steering by acting on the suspension system, e.g. on the mountings of the suspension arms }	
M	B62D 7/1536	5	{provided with hydraulic assistance}	
M	B62D 7/1545	5	{provided with electrical assistance}	
M	B62D 7/1554	4	{comprising a fluid interconnecting system between the steering control means of the different axles }	
M	B62D 7/1563	5	{provided with fluid control means (B62D 7/1572 takes precedence)}	
M	B62D 7/1581	4	{characterised by comprising an electrical interconnecting system between the steering control means of the different axles }	
M	B62D 7/16	1	Arrangement of linkage connections (pivots <u>per se</u> F16C)	
M	B62D 7/166	2	{substantially perpendicular, e.g. between tie-rod and steering knuckle}	
M	B62D 7/22	1	Arrangements for reducing or eliminating reaction, e.g. vibration, from parts, e.g. wheels, of the steering system	
M	B62D 11/10	3	using gearings with differential power outputs on opposite sides, e.g. twin-differential or epicyclic gears	
M	B62D 11/105	4	{using variable ratio belt and pulley gearings}	
M	B62D 15/021	2	{Determination of steering angle }	
M	B62D 15/025	2	{Active steering aids, e.g. helping the driver by actively influencing the steering system after environment evaluation (B62D 1/28 takes precedence)}	
M	B62D 15/029	2	{Steering assistants using warnings or proposing actions to the driver without influencing the steering system}	

*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 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.

CPC NOTICE OF CHANGES 1433

DATE: MAY 1, 2023

PROJECT MP11660

- 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 finalization 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 1433

DATE: MAY 1, 2023

PROJECT MP11660

C. New, Modified or Deleted Note(s)

SUBCLASS B62D - MOTOR VEHICLES; TRAILERS

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
D	B62D	<p><u>NOTE</u></p> <p>Steering devices acting on ground-engaging wheels, endless tracks or the like and also applicable to aircraft are classified in B62D 1/00 and relevant subsequent groups; these groups take precedence over B64C; These elaborations also embrace steering of vehicles in general but applicable to land vehicles</p>	<p><u>Delete</u> entire Note.</p>
M	B62D 11/001	<p>When classifying in this group, classification is also made in the appropriate one of groups B62D 11/02 - B62D 11/24 if other aspects of the steering system are of interest</p>	<p>{When classifying in this group, classification is also made in the appropriate one of groups B62D 11/02 - B62D 11/24 if other aspects of the steering system are of interest}</p>

*N = new note, M = modified note, D = deleted note

NOTE: The "Location" column only requires the symbol PRIOR to the location of the note. No further directions such as "before" or "after" are required.

CPC NOTICE OF CHANGES 1433

DATE: MAY 1, 2023

PROJECT MP11660

D. New, Modified or Deleted Guidance Heading(s)

SUBCLASS B62D - MOTOR VEHICLES; TRAILERS

<u>Type*</u>	<u>Location</u>	<u>Old Guidance Heading</u>	<u>New/Modified Guidance Heading</u>
M	B62D 1/00 - B62D 15/00	Steering of motor vehicles or trailers	Steering of motor vehicles or trailers

*N = new guidance heading, M =modified guidance heading, D = deleted guidance heading

NOTES:

- The “Location” column requires the symbol AFTER the guidance heading location. No further directions such as “before” or “after” are required.
- In cases where there may be confusion as to whether a new group falls within the scope of a guidance heading, indicate the guidance heading and whether the group does or does not go with the guidance heading. This can be included in the “Location” column. For example, the guidance heading “Compounds containing carbon together with sulfur, selenium or tellurium with or without hydrogen, halogens, oxygen or nitrogen” encompasses groups C07C 301/00-395/00 only. If a new group C07C 398/00 is proposed and is included in the guidance heading scope, indicate this in the “Location” column as follows: 398/00 to be included under the guidance heading: “Compounds containing carbon together with sulfur, selenium or tellurium with or without hydrogen, halogens, oxygen or nitrogen.”

DATE: MAY 1, 2023

PROJECT MP11660

2. A. DEFINITIONS (new)

Insert: The following new Definitions:

B62D 1/105

References

Informative references

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

Airbag storage within non-rotatable hubs	B60R 21/2032
--	------------------------------

B62D 1/11

References

Informative references

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

Padded linings associated with steering wheel	B60R 21/05
Shock absorbers using plastic deformation of members	F16F 7/12

Special rules of classification

References [B60R 21/05](#) and [F16F 7/12](#) are non-limiting in the subgroup [B62D 1/11](#). CPC will be updated/corrected once this inconsistency is resolved in IPC.

B62D 1/166

References

Informative references

DATE: MAY 1, 2023

PROJECT MP11660

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

By continuous supply of energy	B62D 5/008
Controlling steering depending on driving conditions	B62D 6/00

B62D 1/184**References*****Informative references***

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

Locking of telescopic systems in general	F16B 7/10
--	---------------------------

B62D 1/19**References*****Informative references***

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

Shock absorbers using plastic deformation in general	F16F 7/12
--	---------------------------

Special rules of classification

Reference [F16F 7/12](#) is non-limiting in the subgroup [B62D 1/19](#). CPC will be updated/corrected once this inconsistency the main is resolved in IPC.

B62D 1/24**References*****Informative references***

DATE: MAY 1, 2023

PROJECT MP11660

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

Special adaptations of automatic tractor steering	A01B 69/008
Devices for lifting, movable on wheels, automatically guided	B66F 9/063

B62D 1/26**References*****Application-oriented references***

Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:

Railways	B61
----------	---------------------

Special rules of classification

Reference [B61](#) is non-limiting in the subgroup [B62D 1/26](#). CPC will be updated/corrected once this inconsistency is resolved in IPC.

B62D 1/28**References*****Informative references***

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

Steering position indicators	B62D 15/02
Steering aids	B62D 15/025
Parking aids	B62D 15/027
Steering assistants	B62D 15/029
Autonomous road vehicle drive control with determination or calculation of trajectory projection	B60W 60/0027

DATE: MAY 1, 2023

PROJECT MP11660

Control of course or position in two dimensions specially adapted to land vehicles, e.g. autopilot	G05D 1/021
--	----------------------------

B62D 5/006**Definition statement***This place covers:*

Mechanical aspects of the actuator, e.g. how to impose the force to the driver.

References***Informative references***

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

Control aspects, e.g. calculating the feedback force	B62D 6/008
--	----------------------------

B62D 5/0445**References*****Informative references***

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

Screw mechanisms in general	F16H 25/20
-----------------------------	----------------------------

B62D 5/075**References*****Informative references***

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

DATE: MAY 1, 2023

PROJECT MP11660

Priority valves in general	F15B 13/022
----------------------------	-------------

B62D 5/08

References

Informative references

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

Valves in general	F16K
-------------------	------

Special rules of classification

Reference [F16K](#) is non-limiting in the subgroup [B62D 5/08](#). CPC will be updated/corrected once this inconsistency is resolved in IPC.

B62D 5/093

References

Informative references

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

Hydraulic steering gear	B62D 3/14
-------------------------	-----------

Special rules of classification

Reference [B62D 3/14](#) is non-limiting in the subgroup [B62D 5/093](#). CPC will be updated/corrected once this inconsistency is resolved in IPC.

B62D 5/20

References

Informative references

DATE: MAY 1, 2023

PROJECT MP11660

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

Steering gears per se	B62D 3/00
Steering linkages not characterised by being power-assisted or power-driven	B62D 7/00

Special rules of classification

References [B62D 3/00](#) and [B62D 7/00](#) are non-limiting in the subgroup [B62D 5/20](#). CPC will be updated/corrected once this inconsistency is resolved in IPC.

B62D 5/22

References

Informative references

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

Pressure yokes	B62D 3/123
----------------	----------------------------

B62D 6/003

References

Limiting references

This place does not cover:

Adjustable by the driver, e.g. sport mode	B62D 6/007
---	----------------------------

Informative references

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

Stability systems acting on the brakes	B60T 8/1755
--	-----------------------------

DATE: MAY 1, 2023

PROJECT MP11660

B62D 6/008

Definition statement

This place covers:

Control aspects, e.g. calculating the feedback force.

References

Informative references

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

Mechanical aspects of the actuator, e.g. how to impose force to the driver	B62D 5/006
--	----------------------------

B62D 6/06

References

Informative references

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

Steering dampers for cycles	B62K 21/08
-----------------------------	----------------------------

Special rules of classification

Reference [B62K 21/08](#) is non-limiting in the subgroup [B62D 6/06](#). CPC will be updated/corrected once this inconsistency is resolved in IPC.

B62D 7/09

References

Informative references

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

DATE: MAY 1, 2023

PROJECT MP11660

Varying the ratio automatically based on driving conditions	B62D 6/00
---	-----------

Special rules of classification

Reference [B62D 6/00](#) is non-limiting in the subgroup [B62D 7/09](#). CPC will be updated/corrected once this inconsistency is resolved in IPC.

B62D 7/146

References

Informative references

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

Means on vehicle for adjusting camber, castor, or toe-in	B62D 17/00
--	------------

B62D 7/15

References

Limiting references

This place does not cover:

Pivoted axes for individually pivoted wheels where the pivotal axes are situated in more than one plane transverse to the longitudinal centre line of the vehicle and provided with safety devices	B62D 7/148
--	------------

Informative references

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

Arrangements for automatically controlling steering depending on driving conditions sensed and responded to, e.g. control circuits	B62D 6/00
--	-----------

DATE: MAY 1, 2023

PROJECT MP11660

B62D 7/1536

References

Informative references

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

Power-assisted fluid steering per se	B62D 5/06
--------------------------------------	---------------------------

B62D 7/1545

References

Informative references

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

Power-assisted electrical steering per se	B62D 5/04
---	---------------------------

B62D 7/1554

References

Informative references

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

Power-assisted fluid steering per se	B62D 5/06
--------------------------------------	---------------------------

B62D 7/1581

References

Informative references

DATE: MAY 1, 2023

PROJECT MP11660

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

Power-assisted electrical steering per se	B62D 5/04
---	---------------------------

B62D 7/16

References

Informative references

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

Pivots per se	F16C
Ball Joints	F16C 11/06

Special rules of classification

Reference [F16C](#) is non-limiting in the subgroup [B62D 7/16](#). CPC will be updated/corrected once this inconsistency is resolved in IPC.

B62D 7/166

References

Informative references

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

Steering knuckles in general	B62D 7/18
------------------------------	---------------------------

B62D 7/20

References

Informative references

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

DATE: MAY 1, 2023

PROJECT MP11660

Means for adjusting camber, castor, toe-in	B62D 17/00
--	------------

Special rules of classification

Reference B62D 17/00 is non-limiting in the subgroup B62D 7/20. CPC will be updated/corrected once this inconsistency is resolved in IPC.

B62D 7/22

References

Informative references

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

Dampers in general	F16F
--------------------	------

B62D 11/10

References

Informative references

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

Arrangement or mounting of transmissions in vehicles	B60K 17/00
Gearing in general	F16H

B62D 11/105

References

Informative references

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

Gearing for conveying rotary motion by endless flexible members	F16H 7/00, F16H 9/00
---	----------------------

DATE: MAY 1, 2023

PROJECT MP11660

B62D 12/00**References*****Informative references***

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

Steering endless tracks or the like	B62D 11/00
Steering specially adapted for trailers	B62D 13/00

Special rules of classification

References [B62D 11/00](#) and [B62D 13/00](#) are non-limiting in the main group [B62D 12/00](#). CPC will be updated/corrected once this inconsistency is resolved in IPC.

B62D 15/025**References*****Limiting references***

This place does not cover:

Non-mechanical controls that are not vehicle mounted	B62D 1/28
--	---------------------------

Informative references

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

Parking aids	B62D 15/027
--------------	-----------------------------

B62D 15/029**References*****Informative references***

CPC NOTICE OF CHANGES 1433

DATE: MAY 1, 2023

PROJECT MP11660

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

Parking aids	B62D 15/027
Estimation or calculation of driving parameters for road vehicle drive control systems not related to the control of a particular sub unit with interaction between the driver and the control system	B60W 50/08
Autonomous road vehicle drive control with determination or calculation of trajectory projection	B60W 60/0027
Determination or calculation of land vehicle trajectory	G05D 1/021
Image processing	G06T

2. A. DEFINITIONS (modified)

B62D 1/00

Definition statement

Insert: A colon at the end of the following sentence in the Definition statement:

Means for initiating a change of driving direction of vehicles:

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:

Systems for helping the driver to keep the lane	B62D 15/025
Automatic steering system used for parking	B62D 15/027
Aeroplane ground or like engaging elements	B64C 25/32

B62D 1/18

Definition statement

Insert: A period at the end of every sentence in the Definition statement:

- Steering columns supported by elastic means.
- Steering columns being adjustable by the driver, e.g. for a comfortable position.
- Steering columns movable together with the dashboard, e.g. when dashboard is linked to a front door.

References

Insert: The following new Informative references section:

DATE: MAY 1, 2023

PROJECT MP11660

Informative references

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

Padded linings associated with the steering column	B60R 21/05
--	----------------------------

Insert: The following new Special Rules of classification section:

Special rules of classification

Reference [B60R 21/05](#) is non-limiting in the subgroup [B62D 1/18](#). CPC will be updated/corrected once this inconsistency is resolved in IPC.

B62D 3/00

Definition statement

Replace: The existing definition statement with the following updated definition statement:

Mechanical means to convert the steering control input motion, e.g. by a steering wheel, to final output motion at the wheels, e.g. rack and pinion gear or the like.

References

Limiting References

Insert: The following new row to the Limiting references table:

Steering for non-deflectable wheels	B62D 11/00
-------------------------------------	----------------------------

Insert: The following new Special rules for classification section:

Special rules of classification

Reference [F16H](#) is non-limiting in the main group [B62D 3/00](#). CPC will be updated/corrected once this inconsistency is resolved in IPC.

DATE: MAY 1, 2023

PROJECT MP11660

Power steering is classified in [B62D 5/00](#) only, including its components. [B62D 3/00](#) does not include components for power steering systems.

B62D 5/00

Definition statement

Insert: A period at the end of all sentences in the Definition statement:

- Supplying power to the steering movement by electric or hydraulic means to reduce steering force at the control input.
- Changing the transfer ratio between the steering wheel and the steering output movement by variable supply of energy, e.g. by using a superposition gear.
- Telemotors for steering.
- Mechanical means or mechanism specially adapted for power assist.
- Hydraulic means, e.g. valves specially adapted for power assist.
- Electric means, e.g. motors specially adapted for power assist.
- Safety devices or backup systems for steering if hydraulic power assist function fails.

References

Replace: The existing Limiting references table, with the following updated table:

Steering for non-deflectable wheels	B62D 11/00
-------------------------------------	----------------------------

Replace: The existing Informative references table, with the following updated table:

Controlling steering depending on driving conditions sensed and responded to	B62D 6/00
Fluid pressure servomotors in general	F15B

Insert: The following new Special rules of classification section:

Special rules of classification

Reference F15B is non-limiting in the main group [B62D 5/00](#). CPC will be updated/corrected once this inconsistency is resolved in IPC.

DATE: MAY 1, 2023

PROJECT MP11660

B62D 5/001

Definition statement

Replace: The text of the existing Definition statement with the following updated statement:

For example, mechanical steering angle limiters, e.g. catch or block to limit output movement.

References

Insert: The following new Informative references section:

Informative references

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

Hydraulic steer-by-wire systems

B62D 5/091

B62D 5/005

Definition statement

Replace: The text of the existing Definition statement with the following updated statement:

- Means to "disturb" e.g. by using a brake, the turning of the steering wheel or any input element.
- Tactile feedback, e.g. vibration on steering wheel or any input element.

Delete: The entire Special rules of classification section.

DATE: MAY 1, 2023

PROJECT MP11660

B62D 5/04

Definition statement

Replace: The existing bullet points in the Definition statement, with the following updated language:

- Gearings (or connections) between the power steering motor and the part, which is connected to any part of the steering system, e.g. column or rack.
- Electric power steering to be mounted additionally to the vehicle, e.g. to change manual steering into power steering.
- Cooling of electric power steering motor.
- "Non-rotating" motors, e.g. linear motors.
- Use of multiple electric motors in one power steering.
- Wire harness from the battery to the electric power steering.

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:

Combinations of electric power steering with steering locks (steering column locks)	B60R 25/02
---	----------------------------

B62D 5/0457

Definition statement

Replace: The second sentence in the Definition statement, with the following updated language:

Switching off of electric power steering if not needed, e.g. standstill.

References

Insert: The following new Informative references section:

Informative references

DATE: MAY 1, 2023

PROJECT MP11660

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

Controlling steering depending on driving conditions sensed and responded to	B62D 6/00
Determination of steering angle	B62D 15/021
Measuring torque applied to steering wheels	G01L 5/221
Electric motor per se	H02P

B62D 5/065

Definition statement

Replace: the text of the existing Definition statement with the following updated Definition statement:

Parametrising of hydraulic power steering systems.
Pumps directly connected with the steering motors, e.g. reversible pump to cylinder.
Controls of the hydraulic fluid supply which adjusts the pressure to facilitate the required pressure demands by the external environment, e.g. when driving on a mountainous road.

Special rules of classification

Delete: The following sentence from the Special rules of classification section:

This group includes controls of the hydraulic fluid supply which adjusts the pressure to facilitate the required pressure demands by the external environment, e.g. when driving on a mountainous road.

B62D 5/0835

Definition statement

Delete: The entire Definition statement section.

References

Insert: The following new Informative references section:

DATE: MAY 1, 2023

PROJECT MP11660

Informative references

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

Controlling steering depending on driving conditions sensed and responded to	B62D 6/00
--	-----------

Special rules of classification

Delete: The entire Special rules of classification section.

B62D 6/00**Definition statement**

Insert: A period at the end of all sentences in the Definition statement.

- Circuits or processes for controlling power steering systems, e.g. to control steering angles.
- Control of steering angle.
- Control of vehicle motion in general, e.g. yaw rate.
- Control of steering assist power depending on ambient condition.
- Control of feedback to the driver.
- Measuring or determining driver input torque.

References

Insert: The following new Informative references section:

Informative references

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

Means for initiating a change in direction	B62D 1/00
Steering valves	B62D 5/06
Combined with means for inclining the vehicle body or wheels on bends	B62D 9/00

Insert: The following new Special rules of classification section:

Special rules of classification

DATE: MAY 1, 2023

PROJECT MP11660

References [B62D 1/00](#), [B62D 5/06](#) and [B62D 9/00](#) are non-limiting in the main group [B62D 6/00](#). CPC will be updated/corrected once this inconsistency is resolved in IPC.

B62D 7/00

Definition statement

Replace: the text of the existing Definition statement with the following updated Definition statement:

Means on vehicle to deflect wheels, e.g. changing the steered wheel angle in relation to chassis or vehicle body. Steering linkage, stub axles and their mountings are the means to allow deflection of the wheels.

References

Insert: The following new Informative references section:

Informative references

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

Power-assisted or power-driven steering	B62D 5/00
---	---------------------------

Special rules of classification

Replace: The text in the Special rules of classification section with the following updated language:

Reference [B62D 5/00](#) is non-limiting in the main group [B62D 7/00](#). CPC will be updated/corrected once this inconsistency is resolved in IPC.

B62D 11/00

Definition statement

Replace: The text in the existing Definition statement with the following updated language:

DATE: MAY 1, 2023

PROJECT MP11660

Steering non-deflectable wheels or endless tracks, wherein steering to the right or to the left is governed by an alteration in the rotation speed of one side of a set of tracks or wheels moving in a continuous motion, i.e. steering by driving. There is no associated change in the steering angle of the wheels or tracks, e.g. tanks or slip-steered wheeled vehicles or control thereof.

Insert: The following new Relationships with other classification places section:

Relationships with other classification places

Gearings of interest apart from this application are also classified in the relevant group of [F16H](#) covering gearings per se.

References

Insert: The following new Informative references section:

Informative references

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

Gearings per se	F16H
-----------------	----------------------

Glossary of terms

Delete: The entire Glossary of terms section.

B62D 15/00

Definition statement

Replace: The text of the existing Definition statement with the following updated language:

For example, passive indicator, "aiming" means, e.g. fingers in the car to drive along compared with a line in the outside world.
Sensing or measuring steering angle with particular detail to the sensing/measuring.

Insert: The following new Special rules of classification section:

DATE: MAY 1, 2023

PROJECT MP11660

The mere mentioning of measuring or determining a steering or steering wheel angle is not sufficient for placement in [B62D 15/00](#) and an inventive feature about the sensing/measuring is required for placement in [B62D 15/00](#).

B62D 15/021

Definition statement

Insert: A semicolon at the end of the fourth and fifth bullet points of the Definition statement:

- Retrieving of steering angle information in special situations, e.g. during power off;
- Checking or testing of steering angle sensors (see also [B62D 5/049](#));

References

Insert: The following new Informative references section:

Informative references

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

Sensors in general	G01B
--------------------	----------------------

CPC NOTICE OF CHANGES 1433

DATE: MAY 1, 2023

PROJECT MP11660

2. B. DEFINITIONS QUICK FIX

<u>Symbol</u>	<u>Location of change</u> (e.g., section title)	<u>Existing reference</u> <u>symbol or text</u>	<u>Action; New symbol; New text</u>
B62D 5/0463	Entire definition		Delete the entire definition

Notes:

Use this Definitions Quick Fix (DQF) table to:

- Delete an entire definition
- Delete an entire section
- Change a reference symbol
- Delete a reference symbol
- Delete text in a References section
- Correct one error in spelling, article use, or verb tense

Otherwise, use the standard template.

Reminder: Never delete F symbol definitions.