

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 575

DATE: JANUARY 1, 2019

PROJECT RP0545

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
<b>SCHEME:</b>		
Titles Changed:	B60N	2/00, 2/002, 2/01533, 2/06, 2/10, 2/14, 2/169, 2/1896, 2/20, 2/224, 2/225, 2/2251, 2/2252, 2/245, 2/2803, 2/2848, 2/2854, 2/30, 2/34, 2/36
	B60N	3/001, 3/008, 3/06, 3/08, 3/10, 3/12, 3/14, 3/16
	B60N	5/00
Warnings Deleted:	B60N	Subclass
<b>DEFINITIONS:</b>		
Definitions New:	B60N	2/002, 2/1896, 2/2854, 2/34, 3/001, 3/008, 3/08, 3/16
Definitions Modified:	B60N	2/00, 2/01533, 2/10, 2/14, 2/169, 2/20, 2/2213, 2/2251, 2/2252, 2/245, 2/26, 2/2803, 2/2824, 2/2827, 2/2848, 2/286, 2/30, 2/3075, 2/3097, 2/36, 2/62, 2/874, 2/986, 3/026, 3/042, 3/044, 3/06, 3/10, 3/12, 3/14, 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(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)

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## 1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)**SUBCLASS B60N - SEATS SPECIALLY ADAPTED FOR VEHICLES; VEHICLE PASSENGER ACCOMMODATION NOT OTHERWISE PROVIDED FOR**

<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	B60N 2/00	0	Seats specially adapted for vehicles; Arrangement or mounting of seats in vehicles (railway seats B61D 33/00; cycle seats B62J 1/00; aircraft seats B64D 11/06, B64D 25/04, B64D 25/10)	
M	B60N 2/002	1	{Passenger detection systems}	
M	B60N 2/01533	6	{using balls interlocking with notches}	
M	B60N 2/06	3	slidable (B60N 2/12 {, B60N 2/2209} take precedence)	
M	B60N 2/10	3	tiltable (B60N 2/12 {, B60N 2/2875} take precedence)	
M	B60N 2/14	3	rotatable, e.g. to permit easy access (B60N 2/10 {, B60N 2/2869} take precedence)	
M	B60N 2/169	4	{Stepwise movement mechanisms, e.g. ratchets (B60N 2/167 takes precedence)}	
M	B60N 2/1896	5	{Stepwise movement mechanisms, e.g. ratchets (B60N 2/1882 takes precedence)}	
M	B60N 2/20	2	the back-rest being tiltable, e.g. to permit easy access (B60N 2/04, B60N 2/22 {, B60N 2/3002} take precedence)	
M	B60N 2/224	3	{Stepwise movement mechanisms, e.g. ratchets}	
M	B60N 2/225	3	by cycloidal or planetary mechanisms	
M	B60N 2/2251	4	{with gears having orbital motion, e.g. sun and planet gears}	
M	B60N 2/2252	4	{in which the central axis of the gearing lies inside the periphery of an orbital gear, e.g. one gear without sun gear}	
M	B60N 2/245	2	{for handicapped persons}	
M	B60N 2/2803	4	{Adaptations for seat belts}	
M	B60N 2/2848	5	{being convertible or adaptable to a preambulator, e.g. a baby-carriage or a push-chair}	
M	B60N 2/2854	4	{Children's cots; Hammocks}	

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<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	B60N 2/30	2	Non-dismountable {or dismountable} seats storable in a non-use position, e.g. foldable spare seats	
M	B60N 2/34	3	into a bed	
M	B60N 2/36	3	into a loading platform {(B60N 2/065 takes precedence)}	
M	B60N 3/001	1	{of tables or trays}	
M	B60N 3/008	1	{of beds}	
M	B60N 3/06	1	of footrests	
M	B60N 3/08	1	of receptacles for refuse, e.g. ash-trays	
M	B60N 3/10	1	of receptacles for food or beverages, e.g. refrigerated	
M	B60N 3/12	1	of receptacles for cigarettes or the like	
M	B60N 3/14	1	of electrically-heated lighters	
M	B60N 3/16	1	of cooking or boiling devices	
M	B60N 5/00	0	Arrangements or devices on vehicles for entrance or exit control of passengers, e.g. turnstiles	

\*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).
- 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>.

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- 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.

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B. New, Modified or Deleted Warning(s)

**SUBCLASS B60N - SEATS SPECIALLY ADAPTED FOR VEHICLES; VEHICLE PASSENGER ACCOMMODATION NOT OTHERWISE PROVIDED FOR**

<b><u>Type*</u></b>	<b><u>Location</u></b>	<b><u>Old Warning</u></b>	<b><u>New/Modified Warning</u></b>
D	B60N	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.	

\*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.

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## 2. A. DEFINITIONS (New)

Insert the following new definitions.

### B60N 2/002

#### Informative references

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

Weighing apparatus, e.g. for airbag systems	<a href="#">G01G 19/4142</a>
---	------------------------------

### B60N 2/1896

#### Informative references

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

Ratchets in general	<a href="#">G05G 7/06</a>
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#### Limiting references:

*This place does not cover:*

The front or the rear portion of the seat being adjustable by ratchet mechanism	<a href="#">B60N 2/1882</a>
---	-----------------------------

### B60N 2/2854

#### Informative references

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

Children's chairs in general	<a href="#">A47D 1/00</a>
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**B60N 2/34****Informative references***Attention is drawn to the following places, which may be of interest for search:*

Sleeping arrangements in caravans	<a href="#">B60P 3/38</a>
-----------------------------------	---------------------------

**B60N 3/001****Informative references:***Attention is drawn to the following places, which may be of interest for search:*

Detachable tables in general with provisions for use in vehicles	<a href="#">A47B 31/06</a>
--	----------------------------

**B60N 3/008****Informative references:***Attention is drawn to the following places, which may be of interest for search:*

Travelling or camp beds adapted to be used in, or connected to, a vehicle	<a href="#">A47C 17/80</a>
---	----------------------------

**B60N 3/08****Informative references:***Attention is drawn to the following places, which may be of interest for search:*

Ashtrays per se	<a href="#">A24F</a>
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**B60N 3/16****Informative references:***Attention is drawn to the following places, which may be of interest for search:*

Cooking or boiling devices per se	<a href="#">A47, F24C</a>
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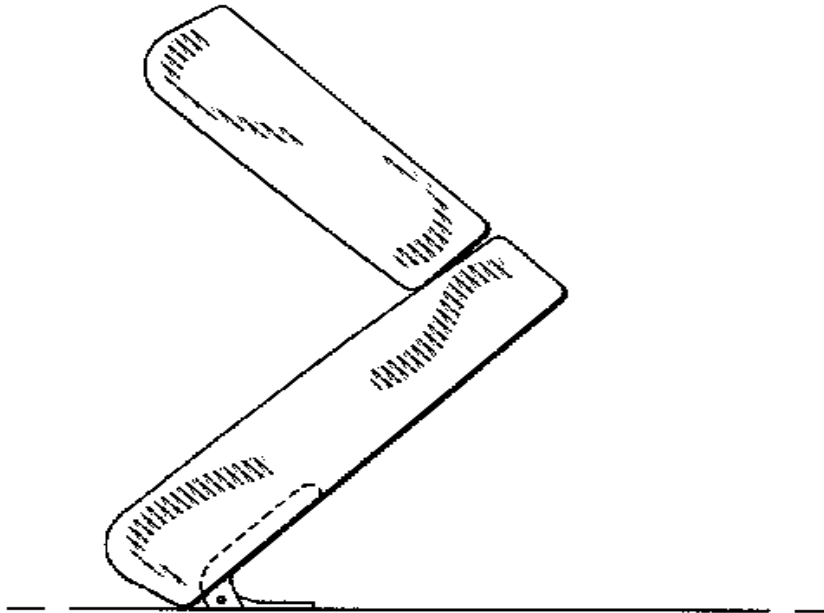
## 2. A. DEFINITIONS (Modified)

Insert: The following modified definitions.

### B60N 2/10

#### Definition statement

Insert: The following new image under the last statement in the Definition statement section.



#### Limiting references

Insert: The following two new rows in the existing Limiting references section.

Seats being tiltable and slidable	B60N 2/12
Tiltable seats for children mounted on existing seats	B60N 2/2875



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Delete: The following three existing rows from the Limiting references table.

seat being rotatable about an at least partly vertical axis	B60N 2/14
back-rest being tiltable	B60N 2/20
back-rest being adjustable	B60N 2/22

Delete: From under the existing Limiting references table, the image shown below.

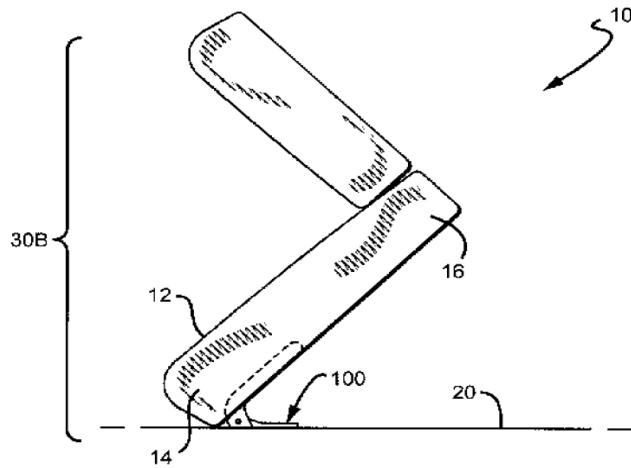


FIG. 2

Insert: The following new section: Informative references.

**Informative references**

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

Seat being rotatable about an at least partly vertical axis	B60N 2/14
Back-rest being tiltable	B60N 2/20
Back-rest being adjustable	B60N 2/22

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**B60N 2/20**

Insert: The following two new sections: Limiting references and Special rules of classification.

**Limiting references**

*This place does not cover:*

Tiltable back-rests wherein the whole seat is movable	<a href="#">B60N 2/04</a>
Adjustable back-rests	<a href="#">B60N 2/22</a>
Back-rest movements in non-dismountable seats storable in a non-use position	<a href="#">B60N 2/3002</a>

**Special rules of classification**

The aspects concerning the electrical operation of the mechanisms are classified in [B60N 2/0224](#).

**B60N 2/30**

Insert: The following new section: Informative references.

**Informative references**

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

Seats convertible for other uses	<a href="#">B60N 2/32</a>
----------------------------------	---------------------------

**Special rules of classification**

Replace: In the Special rules of classification section, the two sets of text selections shown below.

In the second paragraph (*In some cases B60N 2/30...is realized*):

“**covertible**” change to: convertible

“**helpfull**” change to: helpful

In the third paragraph (*In this group (B60N 2/30), when...and so on.*):

“**this steps**” change to: these steps  
“**E.g.**” change to: For example,  
“**given**” change to: allocated  
“**B60N2/30C2C4**” change to: B60N 2/305

## B60N 3/06

Delete: The entire existing Limiting references section.

### Limiting references

*This place does not cover:*

Thigh rests	B60N 2/62
Lower leg rests, e.g. calf rests	B60N 2/995

Insert: The following new Informative references section.

### Informative references

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

Thigh rests	B60N 2/62
Lower leg rests, e.g. calf rests	B60N 2/995
Floors of road vehicles	B62D 25/20

## B60N 3/10

### Informative references

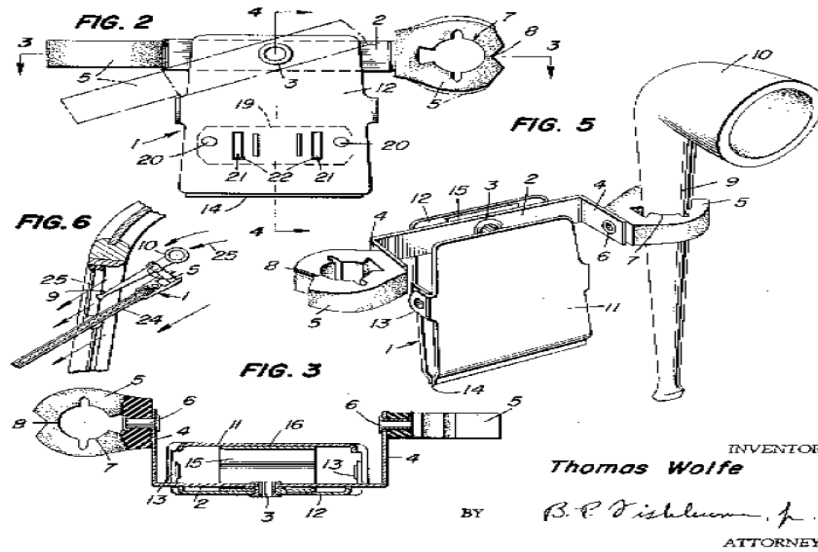
Insert: The following two new rows in the Informative references table.

Picnic sets	A45F
Cup holders in general	A47G 23/02

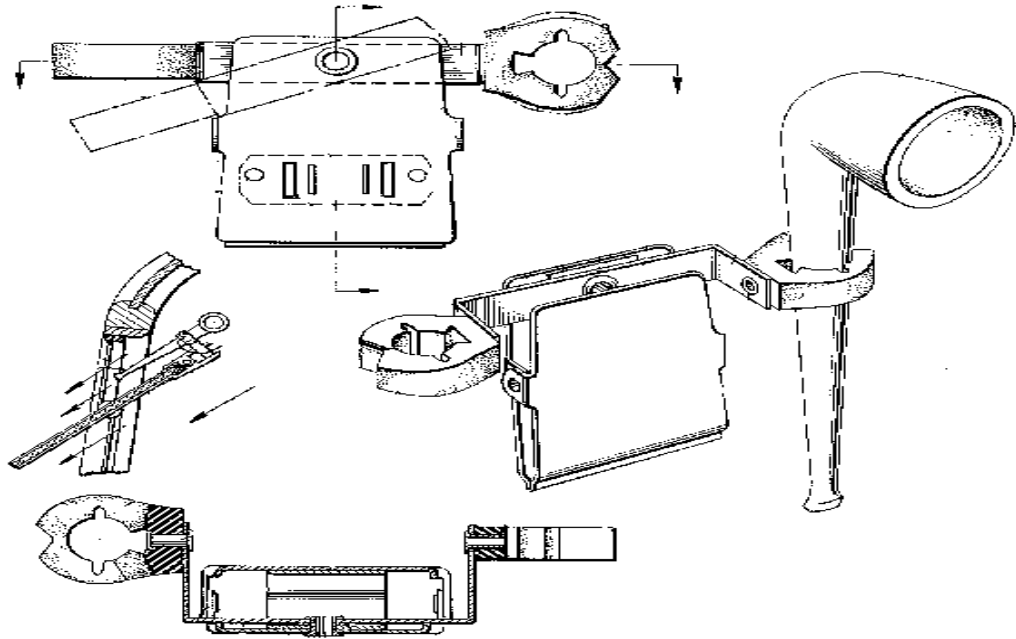
## B60N 3/12

### Definition statement

Delete: The existing image in the Definition statement section.



Insert: The following replacement image in the Definition statement section.



**Limiting references**

Delete: The entire existing Limiting references section.

**Limiting references**

*This place does not cover:*

Adaptations of the arm-rests for use as storage compartments	B60N 2/793
Receptacles for cigarettes or the like	A24F

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Insert: The following new Informative references section.

**Informative references**

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

Adaptations of the arm-rests for use as storage compartments	<a href="#">B60N 2/793</a>
Receptacles for cigarettes or the like	<a href="#">A24F</a>

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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>
B60N 2/00	Informative References		<p><u>Insert</u> the following <u>new</u> row in the <u>existing</u> Informative references table:</p> <p>For facilitating access of invalids to, or exit of invalids from, vehicles <b>A61G 3/02</b></p>
B60N 2/01533			<p><u>Insert</u> the following <u>new</u> Informative references section:</p> <p><b>Informative references</b></p> <p><i>Attention is drawn to the following places, which may be of interest for search:</i></p> <p>Interlocking balls in general <b>E05B 63/121</b></p>
B60N 2/14			<p><u>Insert</u> the following <u>new</u> Limiting references section:</p> <p><b>Limiting references</b></p> <p><i>This place does not cover:</i></p> <p>Seats for children rotatable about a vertical axis and mounted on existing seats <b>B60N 2/2869</b></p> <p>The whole seat being rotatable and tiltable <b>B60N 2/10</b></p>
B60N 2/169			<p><u>Insert</u> the following <u>new</u> Informative references section:</p> <p><b>Informative references</b></p> <p><i>Attention is drawn to the following places, which may be of interest for search:</i></p> <p>Ratchets in general <b>G05G 7/06</b></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>
B60N 2/2213			<p><u>Insert</u> the following <u>new</u> Limiting references section:</p> <p><b>Limiting references</b></p> <p><i>This place does not cover:</i></p> <p>Worm and worm gear articulations <a href="#">B60N 2/2231</a>            Cycloidal or planetary mechanisms <a href="#">B60N 2/225</a></p>
B60N 2/2251			<p><u>Insert</u> the following <u>new</u> Informative references section:</p> <p><b>Informative references</b></p> <p><i>Attention is drawn to the following places, which may be of interest for search:</i></p> <p>Gears having orbital motion in general <a href="#">F16H 1/28</a></p>
B60N 2/2252			<p><u>Insert</u> the following <u>new</u> Informative references section:</p> <p><b>Informative references</b></p> <p><i>Attention is drawn to the following places, which may be of interest for search:</i></p> <p>Gears in which the central axis of the gearing lies inside the periphery of an orbital gear, in general <a href="#">F16H 1/32</a></p>
B60N 2/245			<p><u>Insert</u> the following <u>new</u> Informative references section:</p> <p><b>Informative references</b></p> <p><i>Attention is drawn to the following places, which may be of interest for search:</i></p> <p>Seats facilitating access or loading of wheelchairs in ambulances <a href="#">A61G 3/00</a></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>
B60N 2/26			<p><u>Insert</u> the following <u>new</u> Limiting references section:</p> <p><b>Limiting references</b></p> <p><i>This place does not cover:</i></p> <p>Seats storable in a non-use position  <span style="float: right;">B60N 2/30</span></p>
B60N 2/2803			<p><u>Insert</u> the following <u>new</u> Informative references section:</p> <p><b>Informative references</b></p> <p><i>Attention is drawn to the following places, which may be of interest for search:</i></p> <p>Seat belts for children in general  <span style="float: right;">B60R 22/105</span></p>
B60N 2/2824			<p><u>Insert</u> the following <u>new</u> Limiting references section:</p> <p><b>Limiting references</b></p> <p><i>This place does not cover:</i></p> <p>Coupling to a transversal anchorage bar of the vehicle frame  <span style="float: right;">B60N 2/289</span></p>
B60N 2/2827			<p><u>Insert</u> the following <u>new</u> Limiting references section:</p> <p><b>Limiting references</b></p> <p><i>This place does not cover:</i></p> <p>Coupling to a transversal anchorage bar of the seat sub-frame  <span style="float: right;">B60N 2/2893</span></p>
B60N 2/2848			<p><u>Insert</u> the following <u>new</u> Informative references section:</p> <p><b>Informative references</b></p> <p><i>Attention is drawn to the following places, which may be of interest for search:</i></p> <p>Preambulators in general  <span style="float: right;">B62B 7/14</span></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>
B60N 2/286			<p><u>Insert</u> the following <u>new</u> Limiting references section:</p> <p><b>Limiting references</b></p> <p><i>This place does not cover:</i></p> <p>Booster cushions <span style="float: right;">B60N 2/2866</span></p>
B60N 2/3075			<p><u>Insert</u> the following <u>new</u> Limiting references section:</p> <p><b>Limiting references</b></p> <p><i>This place does not cover:</i></p> <p>Stowed in a recess of the luggage compartment <span style="float: right;">B60N 2/3079</span></p>
B60N 2/3097			<p><u>Insert</u> the following <u>new</u> Limiting references section:</p> <p><b>Limiting references</b></p> <p><i>This place does not cover:</i></p> <p>Aspects of the attachment of seats to the vehicle chassis <span style="float: right;">B60N 2/015, B60N 2/28</span></p>
B60N 2/36			<p><u>Insert</u> the following <u>new</u> Informative references section:</p> <p><b>Informative references</b></p> <p><i>Attention is drawn to the following places, which may be of interest for search:</i></p> <p>Ski-bags <span style="float: right;">B60R 5/006</span></p>
B60N 2/36			<p><u>Insert</u> the following <u>new</u> Limiting references section:</p> <p><b>Limiting references</b></p> <p><i>This place does not cover:</i></p> <p>Rear seats convertible into a loading platform <span style="float: right;">B60N 2/065</span></p>

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<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>
B60N 2/62	Limiting References	Hydro-pneumatic adjustments of the vehicle seat shape B60N 2/914	<u>Replace only the text</u> (not the symbol) with the following text:  Hydro-pneumatic adjustments of the thigh-rest shape without displacing the thigh-rest or expanding its surface
B60N 2/874			<u>Insert</u> the following <u>new</u> Limiting references section:  <b>Limiting references</b>  <i>This place does not cover:</i>  Head-rests which are vertically slidable and movable to an inoperative or stowed position <a href="#">B60N 2/832</a>  Head-rests which are tiltable and movable to an inoperative or stowed position <a href="#">B60N 2/856</a>
B60N 2/986			<u>Insert</u> the following <u>new</u> Limiting references section:  <b>Limiting references</b>  <i>This place does not cover:</i>  Side-rests for child seats <a href="#">B60N 2/2872</a>  Head-rests provided with side-rests <a href="#">B60N 2/885</a>
B60N 3/026			<u>Insert</u> the following <u>new</u> Limiting references section:  <b>Limiting references</b>  <i>This place does not cover:</i>  Movable hand grips or straps <a href="#">B60N 3/023</a>
B60N 3/042			<u>Insert</u> the following <u>new</u> Limiting references section:  <b>Limiting references</b>  <i>This place does not cover:</i>  Fixing means for carpets <a href="#">B60N 3/046</a> Structure of carpets <a href="#">B60N 3/048</a>

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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>
B60N 3/044			<p><u>Insert</u> the following <u>new</u> Limiting references section:</p> <p><b>Limiting references</b></p> <p><i>This place does not cover:</i></p> <p>Fixing means for removable mats <b>B60N 3/046</b></p> <p>Structure of removable mats <b>B60N 3/048</b></p>
B60N 3/14			<p><u>Insert</u> the following <u>new</u> Limiting references section:</p> <p><b>Limiting references</b></p> <p><i>This place does not cover:</i></p> <p>Arrangements of lighting devices for vehicle interiors for lighting passenger or driving compartment <b>B60Q 3/20</b></p> <p>Igniters using electrically-produced heat <b>F23Q 7/00</b></p>
B60N 5/00	Informative References		<p><u>Insert</u> the following <u>new</u> row in the <u>existing</u> Informative references table:</p> <p>Turnstiles in general <b>E06B 11/08</b></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.