

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1873

DATE: JANUARY 1, 2026

PROJECT MP12809

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:	B60H	1/00, 1/00278, 1/00285, 1/00292, 1/00314, 1/00421, 1/00478, 1/00485, 1/02, 1/14, 1/18, 1/22, 1/2203, 1/2206, 1/24, 1/265, 1/267, 1/32, 1/3202, 1/34
	B60H	3/02, 3/06
Warnings Modified:	B60H	SUBCLASS
DEFINITIONS:		
Definitions New:	B60H	1/00285, 1/00292, 1/00421, 1/18, 1/2206, 1/265, 1/267, 1/32
Definitions Modified:	B60H	SUBCLASS
	B60H	1/00, 1/00278, 1/00314, 1/00478, 1/00485, 1/02, 1/14, 1/22, 1/2203, 1/3202, 1/34
	B60H	3/00, 3/0071, 3/02, 3/06

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 B60H - ARRANGEMENTS OF HEATING, COOLING, VENTILATING OR OTHER AIR-TREATING DEVICES SPECIALLY ADAPTED FOR PASSENGER OR GOODS SPACES OF VEHICLES**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of dots</u> <u>(e.g. 0, 1, 2)</u>	<u>Title</u> “CPC only” text should normally be enclosed in {curly brackets}**	<u>Transferred to[#]</u>
U	B60H	Subclass	ARRANGEMENTS OF HEATING, COOLING, VENTILATING OR OTHER AIR-TREATING DEVICES SPECIALLY ADAPTED FOR PASSENGER OR GOODS SPACES OF VEHICLES	
M	B60H1/00	0	Heating, cooling or ventilating devices	
M	B60H1/00278	2	{for the battery }	
M	B60H1/00285	2	{for vehicle seats }	
M	B60H1/00292	2	{for steering wheels }	
M	B60H1/00314	1	{ Arrangements permitting a rapid heating of the heating liquid (B60H1/00492, B60H1/03 take precedence)}	
M	B60H1/00421	1	{ Driving arrangements for parts of a vehicle air-conditioning (B60H1/3222 takes precedence)}	
M	B60H1/00478	1	{ Air-conditioning devices using the Peltier effect }	
M	B60H1/00485	1	{ Valves for air-conditioning devices, e.g. thermostatic valves }	
M	B60H1/02	1	the heat being derived from the propulsion plant	

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M	B60H1/14	2	other than from cooling liquid of the plant	
M	B60H1/18	3	the air being heated from the plant exhaust gases {(B60H 1/025 takes precedence)}	
M	B60H1/22	1	the heat source being other than the propulsion plant {(B60H1/00492 takes precedence)}	
M	B60H1/2203	2	{the heat being derived from burners}	
M	B60H1/2206	3	{controlling the operation of burners}	
M	B60H1/24	1	Ventilating devices where the heating or cooling is irrelevant (nozzles or air-diffusers B60H1/34)	
M	B60H1/265	3	{Openings in window or door posts or pillars (B60H1/248 takes precedence)}	
M	B60H1/267	3	{Openings in or near to vehicle windows}	
M	B60H1/32	1	Cooling devices {(B60H1/00478, B60H1/005 take precedence)}	
M	B60H1/3202	2	{using evaporation, i.e. not including a compressor, e.g. involving fuel or water evaporation}	
M	B60H1/34	1	Nozzles; Air-diffusers	
M	B60H3/02	1	Moistening {; Humidity control}	
M	B60H3/06	1	Filtering	

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*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.
- 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.

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B. New, Modified or Deleted Warning notice(s)

SUBCLASS B60H - ARRANGEMENTS OF HEATING, COOLING, VENTILATING OR OTHER AIR-TREATING DEVICES SPECIALLY ADAPTED FOR PASSENGER OR GOODS SPACES OF VEHICLES

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning</u>
M	B60H	1. 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.	1. {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)

B60H 1/00285

References

Informative references

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

Vehicle seats with heating or ventilating devices	B60N 2/56
Aircraft seats with individual temperature or ventilation control	B64D 11/0626

B60H 1/00292

References

Informative references

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

Steering wheels with heating or ventilating means	B62D 1/065
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B60H 1/00421

References

Limiting references

This place does not cover:

Compressor driving arrangements for cooling devices using compression	B60H 1/3222
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Informative references

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

Auxiliary drives for vehicles	B60K 25/00
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B60H 1/18**References****Limiting references**

This place does not cover:

Heating devices using both cooling liquid and exhaust gases of the propulsion plant	B60H 1/025
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Informative references

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

Exhaust or silencing apparatus combined or associated with devices profiting by exhaust energy	F01N 5/00
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B60H 1/2206**References****Informative references**

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

Systems for controlling combustion	F23N 5/00
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B60H 1/265**References*****Limiting references****This place does not cover:*

Air-extractors, air-evacuation from the vehicle interior	B60H 1/248
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Informative references*Attention is drawn to the following places, which may be of interest for search:*

Door pillars as part of the vehicle superstructure	B62D 25/04
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B60H 1/267**References*****Informative references****Attention is drawn to the following places, which may be of interest for search:*

Adjustable vehicle side windows with pivotal or rotary movement	B60J 1/14
Vehicle window accessories, e.g. wind deflectors	B60J 1/20

B60H 1/32**References*****Limiting references****This place does not cover:*

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Air-conditioning devices using the Peltier effect	B60H 1/00478
Cooling devices comprising regenerative cooling means, e.g. cold accumulators	B60H 1/005

Informative references

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

Vehicles adapted to transport refrigerated goods	B60P 3/20
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2. A. DEFINITIONS (modified)

B60H

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

Definition statement

This place covers:

Arrangements or adaptations of heating, cooling, ventilating or other air-treating devices specially for passengers or goods in spaces of vehicles.

Only inventions that relate exclusively to vehicles are covered by this subclass.

Delete: The entire Relationships section.

References

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

Informative references

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

Professional, industrial or sporting protective garments with controlled internal environment	A41D 13/002
Filters in general	B01D
Heating or ventilating devices for vehicle seats independent from the vehicle HVAC	B60N
Window or windscreen cleaners using air, e.g. defrosters	B60S
HVAC for railway vehicles	B61D
HVAC for boats or ships	B63J

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Arrangements or adaptations of air-treatment apparatus for aircraft crew or passengers, or freight space	B64D 13/00
Compressors in general	F04B
Heat exchangers comprising heat-generating means	F24H
HVAC for buildings	F25B
Heat-exchange apparatus, not provided for in another subclass, in which the heat-exchange media do not come into direct contact	F28D
Details of heat-exchange and heat-transfer apparatus, of general application	F28F
Heating, cooling or ventilating batteries or accumulators and independent from the cabin HVAC	H01M 10/60

Replace: The existing Special rules text with the following updated text.

Special rules of classification

For refrigerated goods vehicles, classify under subclass B60P (e.g. group B60P 3/20) for pertinent vehicle aspects.

Delete: The entire Glossary of terms section.

Insert: The following new Synonyms and Keywords section.

Synonyms and Keywords

HVAC	Heating, ventilation and air conditioning
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B60H 1/00

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

Definition statement

This place covers:

Heating, cooling or ventilating [HVAC] devices for the air inside vehicle cabins or load areas.

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:

Air-treating devices other than for heating, cooling or ventilating	B60H 3/00
Windows, windscreens, non-fixed roofs, doors or similar devices for vehicles	B60J
Heating or ventilating devices for vehicle seats	B60N 2/56
Cleaning of vehicles	B60S 1/00
Vehicle window or windscreen cleaners using air, e.g. defrosters	B60S 1/54

B60H 1/00278

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

Definition statement

This place covers:

Battery cooling or heating linked to the vehicle interior air conditioning circuit.

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ReferencesDelete: The entire Limiting references section.Replace: The existing Informative references table with the following updated table.**Informative references***Attention is drawn to the following places, which may be of interest for search:*

Arrangement or mounting of electric storage means for propulsion in vehicles	B60K 1/04
Hybrid electric vehicles characterised by the electric energy storing means, e.g. batteries or capacitors	B60K 6/28
Controlling the temperature of electric vehicle batteries	B60L 58/24
Arrangement of vehicle batteries not otherwise provided for	B60R 16/04
Heating or cooling of primary cells or batteries	H01M 6/5038
Heating or cooling of secondary cells	H01M 10/60
Energy storage using batteries for indirect contribution to greenhouse gas emissions mitigation	Y02E 60/10

B60H 1/00314Delete: The entire Relationships section.**References**Insert: The following new Limiting references section.**Limiting references***This place does not cover:*

Heating devices comprising regenerative heating or cooling means, e.g. heat accumulators	B60H 1/00492
Heating devices using heat derived from both the propulsion plant and a source other than the propulsion plant	B60H 1/03

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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:

Electric control of combustion engines by supply of combustible mixture or its constituents	F02D 41/00
Aiding engine start by heating of fluids used in engines	F02N 19/04

B60H 1/00478

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

Definition statement

This place covers:

Thermoelectric modules based on the Peltier or Seebeck effect in HVAC units.

References

Delete: The entire Limiting references section.

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

Informative references

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

HVAC devices using thermoelectric converters for generating electrical energy, with heat derived from a source other than the propulsion plant	B60H 2001/2275
Air-conditioning systems or apparatus characterised by the use of thermoelectric units or the Peltier effect	F24F 5/0042
Refrigeration machines, plants or systems using the Peltier effect	F25B 21/02
Thermoelectric devices comprising a junction of dissimilar materials, i.e. devices exhibiting Seebeck or Peltier effects	H10N 10/00

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B60H 1/00485

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

Definition statement

This place covers:

Vehicle HVAC characterised by specially adapted valves for refrigerant or coolant.

References

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

Informative references

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

Valves in general	F16K
Expansion valves used in refrigeration systems	F25B 41/31
Flow control using electric means by acting on throttling devices	G05D 7/0635
Temperature control using sensing elements that expand or contract in response to temperature changes, e.g. thermostatic valves	G05D 23/02

B60H 1/02

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:

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Heating, cooling or ventilating devices comprising regenerative heating or cooling means, e.g. heat accumulators	B60H 1/00492
Heating devices using heat being derived from cooling an electric component, e.g. electric motors, electric circuits, fuel cells or batteries	B60H 1/143

B60H 1/14

Insert: The following new Definition statement.

Definition statement

This place covers:

Heating devices for vehicles where the heat is derived from sources other than the cooling liquid of the propulsion plant, e.g. from lubrication oil, brakes or the transmission.

B60H 1/22**References**

Insert: The following new Limiting references section.

Limiting references

This place does not cover:

Heating devices comprising regenerative heating means	B60H 1/00492
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Replace: The existing Informative references table with the following updated text.

Informative references

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

HVAC devices being independent of the vehicle	B60H 1/0025
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Water heaters	F24H 1/00
Air heaters	F24H 3/00
Details of fluid heaters having heat-generating means in general	F24H 9/00

B60H 1/2203**References**

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

Informative references

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

Methods or apparatus for combustion using fluid fuel or solid fuel suspended in air	F23C
Burners	F23D
Burners using capillary action	F23D 3/00
Exhaust systems for conducting smoke or fumes from combustion	F23J 11/00
Feeding fuel to combustion apparatus	F23K
Controlling combustion	F23N
Controlling combustion for vehicle heating	F23N 2241/14
Ignition means	F23Q
Water heaters with helically or spirally coiled tubes using fluid fuel	F24H 1/165
Arrangement or mounting of grates or heating means in fluid heaters	F24H 9/18

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B60H 1/3202**References**

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

Informative references

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

Cooling devices using sublimation, e.g. dry ice cooling or melting ice	B60H 1/3235
Domestic air-conditioning systems or apparatus using evaporation	F24F 5/0035
Machines using evaporation of refrigerant without recovery of the vapour	F25B 19/00
Devices using evaporation without recovery of the vapour	F25D 7/00
Heat-exchange apparatus having stationary conduit assemblies for one heat-exchange medium only, the media being in contact with different sides of the conduit wall, using the cooling effect of natural or forced evaporation	F28D 5/00

B60H 1/34**References**

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

Informative references

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

Arrangement of multiple air diffusers for cabin ventilation	B60H 1/247
Outlets for windshield defrosting	B60S 1/54
Outlets for directing or distributing air into rooms or spaces for domestic air conditioning or ventilation	F24F 13/06
Air-flow control members, e.g. louvres, grilles or flaps for domestic air conditioning	F24F 13/08

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B60H3/00

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

Definition statement

This place covers:

Devices for treating air inside or flowing into a cabin or load area of a vehicle, characterised by other aspects than heating, cooling or ventilation, e.g. scenting, deodorising, ionising, humidity control or filtering.

References

Insert: The following new References out of a residual place section.

References out of a residual place

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

Control systems or circuits characterised by their input, i.e. by the detection, measurement or calculation of particular conditions, e.g. signal treatment, dynamic models	B60H 1/00735
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Delete: The entire Relationships section.

B60H 3/0071**References**

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

Informative references

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

Disinfection, sterilisation or deodorisation of air using ultraviolet radiation	A61L 9/20
Disinfection, sterilisation or deodorisation of air using ionisation	A61L 9/22

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Applying ionised fluids for electrotherapy	A61N 1/44
Purification of air supplied to human living or working spaces by separation using electrical means	F24F 8/192
Sterilisation of air supplied to human living or working spaces using UV light	F24F 8/22
Ionising air supplied to human living or working spaces	F24F 8/30
Odourisation of air supplied to human living or working spaces	F24F 8/50

B60H 3/02

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

Definition statement

This place covers:

- Means for reducing or increasing air humidity;
- Control of air humidity.

References

Insert: The following new References out of a residual place section.

References out of a residual place

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

Cooling devices using evaporation	B60H 1/3202
Control of compression-based cooling systems for dehumidification	B60H 1/3207

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B60H 3/06**References**

Delete: The entire Limiting references section.

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

Informative references

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

Air-treating devices comprising electric purifying means	B60H 3/0078
Filters with additional separating or treating functions	B01D 46/0027
Filters with additional adsorption or absorption functions	B01D 46/0036
Filter condition indicators	B01D 46/0086
Gas separation by adsorption using stationary adsorbents	B01D 53/04
Filters adapted for separating dispersed particles from gases or vapours specially modified for cleaning of environmental air, e.g. by filters installed on vehicles or on streets	B01D 2279/40
Arrangement or mounting of filters for domestic air-conditioning	F24F 13/28