

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 146

DATE: NOVEMBER 1, 2015

PROJECT DP0161

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
New Definitions:	B64D	11/0015
	B64D	11/0604
	B64D	11/0605
	B64D	11/0606
	B64D	11/0607
	B64D	11/0611
	B64D	11/0612
	B64D	11/0616
	B64D	11/0619
	B64D	11/062
	B64D	11/06205
	B64D	11/0624
	B64D	11/0626
	B64D	11/0627
	B64D	11/0636
	B64D	11/0639
	B64D	11/06395
	B64D	11/064
	B64D	11/0642
	B64D	11/0643
	B64D	11/0644
	B64D	11/0646
	B64D	11/0647
	B64D	11/0648
	B64D	11/0649
	B64D	11/0691
	B64D	11/0693
	B64D	11/0696
	B64D	11/0697
	B64D	11/0698
Modified Definition:	B64D	11/06

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 Notice(s)

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- C. New, Modified or Deleted Note(s)
- D. New, Modified or Deleted Guidance Heading(s)
- 2. DEFINITIONS (New or Modified)
 - A. DEFINITIONS (Full definition template)
 - B. DEFINITIONS (Definitions Quick Fix)
- 3. REVISION CONCORDANCE LIST (RCL)
- 4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)
- 5. CROSS-REFERENCE LIST (CRL)

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2. A. DEFINITIONS (i.e. new or modified)

Insert the following new definitions.

B64D11/0015

{Arrangements for entertainment or communications, e.g. radio, television}

Definition statement

This group/subgroup/subclass covers:

Aircraft cabin layouts for amusement or media

Displays of navigation data using TV screens

References relevant to classification in this group

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

Entertainment or communication arrangements for chairs or seats in land-type vehicles	B60N3/00
Entertainment or communication arrangements for chairs or seats in water-type vehicles	B63B29/04
Combined instruments indicating more than one navigational value, e.g. for aircraft	G01C23/00

Informative references

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

Accessories for chairs or seats, adaptations for incorporating lamps, radio sets, bars, telephones, ventilation, heating or cooling arrangements or the like	A47C7/72
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B64D11/0604

{including a bed, e.g. cocoon type passenger seat modules}

Definition statement

This group/subgroup/subclass covers:

Chair unit combined with a generally horizontal surface for a reclining person and can include a canopy-type structure

- This subgroup includes additional and separate surfaces or pieces to form a bed

References relevant to classification in this group

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

Aircraft passenger seats convertible to a bed	B64D11/0641
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B64D11/0605

{including tables or desks}

Definition statement

This group/subgroup/subclass covers:

Chair unit combined with a generally horizontal surface above a floor and can include storage space

Informative references

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

Arrangements or adaptations of trays as passenger fittings for vehicles	B60N3/002
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B64D11/0606

{with privacy shells, screens, separators or the like (class dividers B64D11/0023)}

Definition statement

This group/subgroup/subclass covers:

Chair combined with obstructions to other passengers

References relevant to classification in this group

This group does not cover:

Class dividers	B64D11/0023
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B64D11/0607

{with devices specially adapted for exercising during travel; with devices specially adapted to prevent thrombosis}

Definition statement

This group/subgroup/subclass covers:

Chair combined with appliances for a person's conditioning, muscle development, or anticlotting

References relevant to classification in this group

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

Hand held massaging devices	A61H9/0021
Physical therapy devices for anti-thrombosis or anti-clotting	A61H2209/00

Informative references

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

Stools with exercising means or having special therapeutic or ergonomic effects	A47C9/002
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Massaging systems	B60N2/448
Pneumatic or hydraulic massage	A61H9/00

B64D11/0611

{with means for holding the passenger in a standing position}

Definition statement*This group/subgroup/subclass covers:*

Chair combined with structure to steady an upright person

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

Safety belts or body harnesses in vehicles	B60R22/00
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B64D11/0612

{specially adapted for children}

Definition statement*This group/subgroup/subclass covers:*

Chair modified for pre-adult passenger

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

Vehicle passenger seats for children	B60N2/26
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B64D11/0616

{with ejection means}

Definition statement*This group/subgroup/subclass covers:*

Chair combined with a device to propel a passenger away from the chair

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References relevant to classification in this group

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

Pilot type ejection seats	B64D25/10
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Informative references

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

Ejecting or escaping means	B64D25/08
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B64D11/0619

{with energy absorbing means specially adapted for mitigating impact loads for passenger seats, e.g. at a crash}

Definition statement

This group/subgroup/subclass covers:

Chair combined with a device or a design to dissipate deceleration

Informative references

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

Vehicle seat constructed to protect the occupant from the effect of abnormal g-forces	B60N2/42
Arrangements or fittings on vehicles for protecting or preventing injuries to occupants	B60R21/00
Seat modification for pilots	B64D11/0689

B64D11/062

{Belts or other passenger restraint means for passenger seats}

Definition statement

This group/subgroup/subclass covers:

Chair combined with a torso or limb encircling device or a device to hold a person in place

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

Safety belts or body harnesses in general	A62B35/00
Safety belts or body harnesses in vehicles	B60R22/00
Harnessing for pilot	B64D25/06

B64D11/06205

{Arrangements of airbags}

Definition statement*This group/subgroup/subclass covers:*

Chair combined with a device to hold a passenger in place including an inflatable confining device

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

Inflatable occupant restraints or confinements designed to inflate upon impact or impending impact, e.g., air bags	B60R21/16
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B64D11/0624

{Arrangements of electrical connectors, e.g. for earphone, internet or electric supply}

Definition statement*This group/subgroup/subclass covers:*

Chair combined with a configuration of mated conductors used to transmit sound, images, or current

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

Arrangement of elements of electric or fluid circuits specially adapted for vehicles	B60R16/00
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B64D11/0626

{with individual temperature or ventilation control}

Definition statement*This group/subgroup/subclass covers:*

Chair combined with personal heating, cooling, or air circulation

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

Heating or ventilating devices for vehicles	B60N2/56
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B64D11/0627

{Seats combined with storage means}

Definition statement*This group/subgroup/subclass covers:*

Chair combined with a cabinet or cabinet type structure

References relevant to classification in this group*Examples of places where the subject matter of this class is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:*

Stowage devices for passengers' personal luggage	B64D11/003
Personal storage means (<i>e. g. luggage, magazines, etc.</i>) or waste disposal bags	B64D11/0636

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

Stowing or holding appliances inside vehicle primarily intended for personal property smaller than a suitcase	B60R7/00
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B64D11/0636

{Personal storage means or waste disposal bags}

Definition statement*This group/subgroup/subclass covers:*

Chair storage for a passenger's carry-on belongings or garbage

References relevant to classification in this group*Examples of places where the subject matter of this class is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:*

Stowage devices for passengers' personal luggage	B64D11/003
Seats combined with storage means	B64D11/0627

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

Stowing or holding appliances inside vehicle primarily intended for personal property smaller than a suitcase	B60R7/00
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B64D11/0639

{with features for adjustment or converting of seats}

Definition statement*This group/subgroup/subclass covers:*

Chair having structure permitting repositioning chair portions or altering the chair configuration

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

Reclining or easy chairs	A47C1/02
Seat or part thereof being movable, e.g. adjustable	B60N2/02

B64D11/06395

{characterised by the arrangement of electric motors for adjustment}

Definition statement*This group/subgroup/subclass covers:*

Configuration of powered devices to reposition or alter a chair or chair portion

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

Reclining or easy chairs adjustable via electric motor	A47C1/0242
Seat or part thereof being movable, e.g. adjustable via electric motor	B60N2/0232

B64D11/064

{Adjustable inclination or position of seats}

Definition statement*This group/subgroup/subclass covers:*

Chair tilt or chair configuration

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

Reclining or easy chairs	A47C1/02
Vehicle seat or part thereof being movable, e.g. adjustable	B60N2/02

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B64D11/0642

{Adjustable headrests}

Definition statement*This group/subgroup/subclass covers:*

Chair with a repositionable support for a passenger's portion above the torso

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

Chairs with headrests	A47C7/46
Seats for vehicles with headrest	B60N2/4805

B64D11/0643

{Adjustable foot or leg rests}

Definition statement*This group/subgroup/subclass covers:*

Chair with a repositionable support for a passenger's lower body

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

Chairs with leg or footrest	A47C1/034 , A47C7/506
Seats for vehicles with leg or foot rest	B60N2/4495 , B60N3/06

B64D11/0644

{Adjustable arm rests}

Definition statement*This group/subgroup/subclass covers:*

Chair with a repositionable passenger upper body extremity support

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

Chairs with arm rest	A47C7/506
Seats for vehicles with arm rest	B60N2/4626

B64D11/0646

{Seats characterised by special features of stationary arms, foot or head rests}

Definition statement*This group/subgroup/subclass covers:*

Chair with particular characteristic of fixed supports for body parts other than the torso

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

Chairs with headrests	A47C7/36
Seats for vehicles with headrest	B60N2/4802
Chairs with leg or footrests	A47C7/50
Seats for vehicles with leg or foot rest	B60N2/4495 B60N3/06
Chairs with arm rest	A47C7/506
Seats for vehicles with arm rest	B60N2/4626

B64D11/0647

{Seats characterised by special upholstery or cushioning features}

Definition statement*This group/subgroup/subclass covers:*

Chair with particular characteristic of a soft covering or padding

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

Chair of special materials	A47C5/00
Vehicle seat with upholstery	B60N2/70

B64D11/0648

{Lower frame constructions}

Definition statement*This group/subgroup/subclass covers:*

Chair understructure or substructure lacking design for impact

References relevant to classification in this group*Examples of places where the subject matter of this class is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:*

Crash frames	B64D11/0619
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Informative references*Attention is drawn to the following places, which may be of interest for search:*

Vehicle seat constructed to protect the occupant from the effect of abnormal-forces, e.g. crash or safety seats	B60N2/42
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B64D11/0649

{Seats characterised by special features for reducing weight}

Definition statement*This group/subgroup/subclass covers:*

Chair design or materials minimizing mass

- Design lacking a frame, e.g., back plate
- Materials such as carbon fibers, aluminum, composites, etc.
- Pneumatic elements

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- One piece design, i.e., integral back and bottom
- Hollow pieces, e.g., tubular frame members

B64D11/0691

{specially adapted for cabin crew}

Definition statement

This group/subgroup/subclass covers:

Chair designed to be deployed during take-off and landing and stowed during flight

- Foldable seats on a wall or bulkhead specifically for a purser or flight attendant

B64D11/0693

{Width modification of seat assemblies, e.g. for class modification}

Definition statement

This group/subgroup/subclass covers:

Chair with accommodations for transverse adjustments

Informative references

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

Vehicle seats with transverse adjustment of arm rests	B60N2/4653
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B64D11/0696

{Means for fastening seats to floors, e.g. to floor rails}

Definition statement

This group/subgroup/subclass covers:

Structure to attach the chair to the passenger cabin walking surface

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Informative references

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

Vehicle seat positioning and locking mechanism	B60N2/442
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B64D11/0697

{Seats suspended from aircraft ceiling}

Definition statement

This group/subgroup/subclass covers:

Structure to attach a chair to the passenger cabin overhead surface

B64D11/0698

{Seats suspended from aircraft walls}

Definition statement

This group/subgroup/subclass covers:

Structure to attach a chair to the passenger cabin side or generally vertical surface

- Hammock type seats
- Seats used in troop transport aircraft

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Modified Definition

B64D11/06

In the **Definition statement** section:

Delete:

Passenger seats

Insert

Configuration of chairs, chair modifications, or particular chair structure for aeronautic passengers

Delete the entire **Informative references** section.

Delete the entire **Special rules of classification within this group** section.