

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 46

DATE: DECEMBER 1, 2014

PROJECT RP0025

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
Symbols deleted:	B64D	2011/0603 – 2011/0686
Symbols newly created:	B64D	11/00151 – 11/00155, 11/0601 – 11/0649, 11/0691, 11/0697, 11/0698
Title change:	B64D	11/06, 2231/025
Scheme Warning Notices to be added/modified/deleted:	B64D	11/0015, 11/06, 11/0629

The following subclasses/groups are also impacted by this Notice of Changes: A62B, A63H, B60H, B66C, and F24F

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)
 - C. New, Modified or Deleted Note(s) or 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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1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)**SUBCLASS B64D - EQUIPMENT FOR FITTING IN OR TO AIRCRAFT; FLYING SUITS; PARACHUTES; ARRANGEMENTS OR MOUNTING OF POWERPLANTS OR PROPULSION TRANSMISSIONS**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified) “CPC only” text should be enclosed in {curly brackets}</u>
C	11/0015	1	{Arrangements for entertainment or communications, e.g. radio, television}
N	11/00151	2	{Permanently mounted seat back monitors}
N	11/00152	2	{Seat back fixtures for removable monitors, e.g. tablet computers}
N	11/00153	2	{Monitors mounted on or in the seat other than the seat back}
N	11/00154	2	{Loudspeakers mounted in the seat back}
N	11/00155	2	{Individual entertainment or communication system remote controls therefor, located in or connected to seat components, e.g. to seat back or arm rest}
C	11/06	1	{Arrangements of seats, or adaptations or details specially adapted for aircraft seats (crew seat constructions for emergency purposes B64D25/04)}
N	11/0601	2	{Arrangement of seats for non-standard seating layouts, e.g. seats staggered horizontally or vertically, arranged in an angled or fishbone layout, or facing in other directions than the direction of flight}
N	11/0602	2	{Seat modules, i.e. seat systems including furniture separate from the seat itself}
N	11/0604	3	{including a bed, e.g. cocoon type passenger seat modules}
N	11/0605	3	{including tables or desks}
N	11/0606	2	{with privacy shells, screens, separators or the like (class dividers B64D11/0023)}
N	11/0607	2	{with devices specially adapted for exercising during travel; with devices specially adapted to prevent thrombosis}
N	11/0611	2	{with means for holding the passenger in a standing position}
N	11/0612	2	{specially adapted for children}
N	11/0616	2	{with ejection means}
N	11/0619	2	{with energy absorbing means specially adapted for mitigating impact loads for passenger seats, e.g. at a crash}

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) “CPC only” text should be enclosed in {curly brackets}
N	11/062	2	{ Belts or other passenger restraint means for passenger seats }
N	11/06205	3	{ Arrangements of airbags }
N	11/0621	4	{ Airbag initiation or activation means }
N	11/0624	2	{ Arrangements of electrical connectors, e.g. for earphone, internet or electric supply }
N	11/0626	2	{ with individual temperature or ventilation control }
N	11/0627	2	{ Seats combined with storage means }
N	11/0629	3	{ the storage means being specially adapted for emergency equipment }
N	11/0631	4	{ for life vests }
N	11/0632	4	{ for breathing apparatus }
N	11/0633	4	{ for devices other than life vests and intended for external use, e.g. parachutes or life rafts }
N	11/0636	3	{ Personal storage means or waste disposal bags }
N	11/0638	2	{ with foldable tables, trays or cup holders }
N	11/0639	2	{ with features for adjustment or converting of seats }
N	11/06395	3	{ characterised by the arrangement of electric motors for adjustment }
N	11/064	3	{ Adjustable inclination or position of seats }
N	11/0641	3	{ Seats convertible into beds }
N	11/0642	3	{ Adjustable headrests }
N	11/0643	3	{ Adjustable foot or leg rests }
N	11/0644	3	{ Adjustable arm rests }
N	11/0646	2	{ Seats characterised by special features of stationary arms, foot or head rests }
N	11/0647	2	{ Seats characterised by special upholstery or cushioning features }
N	11/0648	2	{ Lower frame constructions }
N	11/0649	2	{ Seats characterised by special features for reducing weight }
U	11/0689	2	{ specially adapted for pilots }

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) “CPC only” text should be enclosed in {curly brackets}
N	11/0691	2	{specially adapted for cabin crew}
U	11/0693	2	{ Width modification of seat assemblies, e.g. for class modification }
U	11/0696	2	{Means for fastening seats to floors, e.g. to floor rails}
N	11/0697	2	{Seats suspended from aircraft ceiling}
N	11/0698	2	{Seats suspended from aircraft walls}
D	2011/0603		(transfer to 11/06)
D	2011/0606		(transfer to 11/064)
D	2011/061		(transfer to 11/06205)
D	2011/0613		(transfer to 11/0646)
D	2011/0617		(transfer to 11/0601)
D	2011/062		(transfer to 11/0641)
D	2011/0624		(transfer to 11/0612)
D	2011/0627		(transfer to 11/0619)
D	2011/0631		(transfer to 11/0616)
D	2011/0634		(transfer to 11/06395)
D	2011/0637		(transfer to 11/0624)
D	2011/0641		(transfer to 11/0607)
D	2011/0644		(transfer to 11/0696)
D	2011/0648		(transfer to 11/0643)
D	2011/0651		(transfer to 11/0626)
D	2011/0655		(transfer to 11/0649)
D	2011/0658		(transfer to 11/0604)
D	2011/0662		transfer to 11/0636)
D	2011/0665		(transfer to 11/0606)
D	2011/0668		(transfer to 11/062)
D	2011/0672		(transfer to 11/0629)
D	2011/0675		(transfer to 11/0611)
D	2011/0679		(transfer to 11/0638)
D	2011/0682		(transfer to 11/0647)
D	2011/0686		(transfer to 11/0626)
M	2231/025	2	Oxygen masks; Mask storages (seats combined with storage means, said storage means being specially adapted for emergency equipment B64D 11/0629); Features related to mask deployment

*N = new entries (reclassification involved); C = entries with modified file scope (reclassification involved); M = entries with no change to the file scope (no reclassification); D = deleted entries; F = frozen/entries (deleted pending reclassification completion); U = entries that are unchanged

NOTES:

- To simplify understanding, prior to an N group or N group array, include the U group located immediately prior to the N group or N group array in order to clearly illustrate the location of the N group or N group array in the existing scheme.

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- “D = deleted entries” and “F = frozen/entries” may be included, in the scheme changes table above if needed for better understanding of the overall scheme.

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

**SUBCLASS B64D - EQUIPMENT FOR FITTING IN OR TO AIRCRAFT; FLYING SUITS;
PARACHUTES; ARRANGEMENTS OR MOUNTING OF POWERPLANTS OR PROPULSION
TRANSMISSIONS**

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
N	11/0015		Groups B64D11/00151-B64D11/00155 are incomplete pending reclassification of documents from group B64D11/0015. Until reclassification is complete, groups B64D11/00151-B64D11/00155 and B64D11/0015 should be considered in order to perform a complete search.
N	11/06		Groups B64D11/0601-B64D11/0698 are incomplete pending reclassification of documents from group B64D11/06. Until reclassification is complete, groups B64D11/0601-B64D11/0698, and B64D11/06 should be considered in order to perform a complete search.
N	11/0629		Groups B64D11/0631-B64D11/0633 are incomplete pending reclassification of documents from group B64D11/0629. Until reclassification is complete, groups B64D11/0631-B64D11/0633 and B64D11/0629 should be considered in order to perform a complete search.

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

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3. REVISION CONCORDANCE LIST (RCL)

Type*	From CPC Symbol (existing)	To CPC Symbol (new)
C	B64D 11/0015	B64D 11/0015 – B64D 11/00155
C	B64D 11/06	B64D 11/06 – B64D 11/0698
D	B64D 2011/0603	B64D 11/06
D	B64D 2011/0606	B64D 11/064
D	B64D 2011/061	B64D 11/06205
D	B64D 2011/0613	B64D 11/0646
D	B64D 2011/0617	B64D 11/0601
D	B64D 2011/062	B64D 11/0641
D	B64D 2011/0624	B64D 11/0612
D	B64D 2011/0627	B64D 11/0619
D	B64D 2011/0631	B64D 11/0616
D	B64D 2011/0634	B64D 11/06395
D	B64D 2011/0637	B64D 11/0624
D	B64D 2011/0641	B64D 11/0607
D	B64D 2011/0644	B64D 11/0696
D	B64D 2011/0648	B64D 11/0643
D	B64D 2011/0651	B64D 11/0626
D	B64D 2011/0655	B64D 11/0649
D	B64D 2011/0658	B64D 11/0604
D	B64D 2011/0662	B64D 11/0636
D	B64D 2011/0665	B64D 11/0606
D	B64D 2011/0668	B64D 11/062
D	B64D 2011/0672	B64D 11/0629
D	B64D 2011/0675	B64D 11/0611
D	B64D 2011/0679	B64D 11/0638
D	B64D 2011/0682	B64D 11/0647
D	B64D 2011/0686	B64D 11/0626

* C = entries with modified file scope (reclassification involved); D = deleted entries,

NOTE: Frozen (F) symbols are not included in the RCL table above.

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4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
B64D 11/00151	B64D 11/00	New CPC/IPC
B64D 11/00152	B64D 11/00	New CPC/IPC
B64D 11/00153	B64D 11/00	New CPC/IPC
B64D 11/00154	B64D 11/00	New CPC/IPC
B64D 11/00155	B64D 11/00	New CPC/IPC
B64D 11/0601	B64D 11/06	New CPC/IPC
B64D 11/0602	B64D 11/06	New CPC/IPC
B64D 11/0604	B64D 11/06	New CPC/IPC
B64D 11/0605	B64D 11/06	New CPC/IPC
B64D 11/0606	B64D 11/06	New CPC/IPC
B64D 11/0607	B64D 11/06	New CPC/IPC
B64D 11/0611	B64D 11/06	New CPC/IPC
B64D 11/0612	B64D 11/06	New CPC/IPC
B64D 11/0616	B64D 11/06	New CPC/IPC
B64D 11/0619	B64D 11/06	New CPC/IPC
B64D 11/062	B64D 11/06	New CPC/IPC
B64D 11/06205	B64D 11/06	New CPC/IPC
B64D 11/0621	B64D 11/06	New CPC/IPC
B64D 11/0624	B64D 11/06	New CPC/IPC
B64D 11/0626	B64D 11/06	New CPC/IPC
B64D 11/0627	B64D 11/06	New CPC/IPC
B64D 11/0629	B64D 11/06	New CPC/IPC
B64D 11/0631	B64D 11/06	New CPC/IPC
B64D 11/0632	B64D 11/06	New CPC/IPC
B64D 11/0633	B64D 11/06	New CPC/IPC
B64D 11/0636	B64D 11/06	New CPC/IPC
B64D 11/0638	B64D 11/06	New CPC/IPC
B64D 11/0639	B64D 11/06	New CPC/IPC
B64D 11/06395	B64D 11/06	New CPC/IPC
B64D 11/064	B64D 11/06	New CPC/IPC
B64D 11/0641	B64D 11/06	New CPC/IPC
B64D 11/0642	B64D 11/06	New CPC/IPC
B64D 11/0643	B64D 11/06	New CPC/IPC
B64D 11/0644	B64D 11/06	New CPC/IPC
B64D 11/0646	B64D 11/06	New CPC/IPC
B64D 11/0647	B64D 11/06	New CPC/IPC
B64D 11/0648	B64D 11/06	New CPC/IPC
B64D 11/0649	B64D 11/06	New CPC/IPC
B64D 11/0691	B64D 11/06	New CPC/IPC
B64D 11/0697	B64D 11/06	New CPC/IPC
B64D 11/0698	B64D 11/06	New CPC/IPC
B64D 2011/0603	B64D 11/06	Delete CPC/IPC

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<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
B64D 2011/0606	B64D 11/06	Delete CPC/IPC
B64D 2011/061	B64D 11/06	Delete CPC/IPC
B64D 2011/0613	B64D 11/06	Delete CPC/IPC
B64D 2011/0617	B64D 11/06	Delete CPC/IPC
B64D 2011/062	B64D 11/06	Delete CPC/IPC
B64D 2011/0624	B64D 11/06	Delete CPC/IPC
B64D 2011/0627	B64D 11/06	Delete CPC/IPC
B64D 2011/0631	B64D 11/06	Delete CPC/IPC
B64D 2011/0634	B64D 11/06	Delete CPC/IPC
B64D 2011/0637	B64D 11/06	Delete CPC/IPC
B64D 2011/0641	B64D 11/06	Delete CPC/IPC
B64D 2011/0644	B64D 11/06	Delete CPC/IPC
B64D 2011/0648	B64D 11/06	Delete CPC/IPC
B64D 2011/0651	B64D 11/06	Delete CPC/IPC
B64D 2011/0655	B64D 11/06	Delete CPC/IPC
B64D 2011/0658	B64D 11/06	Delete CPC/IPC
B64D 2011/0662	B64D 11/06	Delete CPC/IPC
B64D 2011/0665	B64D 11/06	Delete CPC/IPC
B64D 2011/0668	B64D 11/06	Delete CPC/IPC
B64D 2011/0672	B64D 11/06	Delete CPC/IPC
B64D 2011/0675	B64D 11/06	Delete CPC/IPC
B64D 2011/0679	B64D 11/06	Delete CPC/IPC
B64D 2011/0682	B64D 11/06	Delete CPC/IPC
B64D 2011/0686	B64D 11/06	Delete CPC/IPC

*Action column:

- For a new (N) CPC symbol, provide an IPC symbol and complete the Action column with “new CPC/IPC.”
- For an existing CPC symbol where the existing IPC symbol needs to be changed, provide an updated IPC symbol and complete the Action column with “new IPC.”
- For a deleted (D) CPC symbol complete the Action column with “delete CPC/IPC.”
- For a 2000 series CPC symbol with no IPC equivalent, complete the Action column with “CPCONLY”.

NOTE: Frozen (F) symbols are not included in the CICL table above.

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5. CROSS-REFERENCE LIST (CRL)

Scheme references impacted by this revision project

<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Change</u>
A62B	B64D	{B64D17/00, B64D25/10}
A63H33/20	B64D	{B64D17/00}
B66C1/38	B64D	{B64D17/00}

Definitions references impacted by this revision project

<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Section of definition</u>	<u>Change</u>
A63H 33/20	B64D	References relevant	B64D17/00
B60H	B64D	References relevant	B64D11/0626
F24F	B64D	References relevant	B64D13/00

NOTES:

- The CRL tables above are used for changes to locations outside of the project scope. Changes to references in scheme titles or definitions inside the project scope will be reflected in the “scheme change” template or one of the “definition” templates.
- In addition to other changes proposed, D (deleted) and F (frozen) symbols should be indicated as deleted from the scheme and definitions in the tables above.
- When a reference is deleted, text related to that reference will also be deleted.
- If adding a reference, the text associated with the reference must be included in the “Change” column.