## EUROPEAN PATENT OFFICE U.S. PATENT AND TRADEMARK OFFICE

## CPC NOTICE OF CHANGES 1602

DATE: JANUARY 1, 2024

## PROJECT RP11523

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

<u>Action</u>	<u>Subclass</u>	Group(s)
SCHEME:		
Symbols Deleted:	E05F	2700/00, 2700/02, 2700/04
Symbols New:	E05F	15/6892, 15/6894, 15/6896, 15/6899, 15/6901, 15/6903, 15/6905, 15/6907, 15/6909, 15/6911, 15/6914, 15/6916, 15/6918
Titles Changed:	E05F	1/10, 1/12
<u> </u>	E05F	5/003
	E05F	7/08
	E05F	2015/434
Warnings New:	E05F	11/38, 11/382, 11/385, 2011/387, 11/40, 11/405, 11/42, 11/423, 11/426, 11/44, 11/445, 11/46, 11/465, 11/48, 11/481, 11/483, 11/485, 11/486, 11/488, 11/50, 11/505, 11/52, 11/525
	E05F	15/689, 15/6892, 15/6894, 15/6896, 15/6899, 15/6901, 15/6903, 15/6907, 15/6909, 15/6911, 15/6914, 15/6916, 15/6918, 15/692, 15/695, 15/697
Guidance Headings Modified:	E05F	9/00
Guidance Headings Wodined.	L031	7/00
DEFINITIONS:		
Definitions Deleted:	E05F	11/382
Definitions New:	E05F	3/22,3/221
	E05F	15/42, 15/6899, 15/6901, 15/6907, 15/70, 15/77, 15/78
Definitions Modified:	E05F	Subclass
	E05F	1/12
	E05F	3/00
	E05F	5/00
	E05F	7/08
	E05F	11/00,11/38
	E05F	15/40, 15/71, 15/72, 15/76

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

This Notice of Changes includes the following [Check the ones included]:

## EUROPEAN PATENT OFFICE U.S. PATENT AND TRADEMARK OFFICE

## CPC NOTICE OF CHANGES 1602

DATE: JANUARY 1, 2024

1. CL	ASSIF	FICATION SCHEME CHANGES
	$\boxtimes$	A. New, Modified or Deleted Group(s)
	$\boxtimes$	B. New, Modified or Deleted Warning(s)
		C. New, Modified or Deleted Note(s)
	$\boxtimes$	D. New, Modified or Deleted Guidance Heading(s)
2. DEI	FINIT	TIONS
	$\boxtimes$	A. New or Modified Definitions (Full definition template)
	$\boxtimes$	B. Modified or Deleted Definitions (Definitions Quick Fix)
3. 🛛	REV	VISION CONCORDANCE LIST (RCL)
4. 🛛	CHA	ANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)
5. 🗌	CHA	ANGES TO THE CROSS-REFERENCE LIST (CRL)

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#### PROJECT RP11523

#### 1. CLASSIFICATION SCHEMECHANGES

A. New, Modified or Deleted Group(s)

# SUBCLASS E05F - DEVICES FOR MOVING WINGS INTO OPEN OR CLOSED POSITION; CHECKS FOR WINGS; WING FITTINGS NOT OTHERWISE PROVIDED FOR, CONCERNED WITH THE FUNCTIONING OF THE WING

Type*	Symbol	<u>Indent</u>	<u>Title</u>	Transferred to#
		<u>Level</u>	"CPC only" text should normally be enclosed in	
		<u>Number</u>	{curly brackets}**	
		of dots		
		(e.g. 0, 1,		
		<u>2)</u>		
M	E05F1/10	2	for swinging wings {, e.g. counterbalance}	
M	E05F1/12	3	Mechanisms in the shape of hinges or pivots,	
	E05E5/000		operated by springs	
M	E05F5/003	1	{for sliding wings (Fasteners specially adapted for holding sliding wings open E05D13/04)}	
M	E05F7/08	1	Means for transmitting movements between vertical	
			and horizontal sliding bars, rods, or cables (means	
			for transmitting movements between vertical and	
			horizontal sliding bars, rods, or cables, for the	
			fastening of wings E05C 9/24 {; with means for	
			transmitting movements between vertical and	
			horizontal sliding bars, rods or cables	
			E05D15/5208})	
С	E05F11/38	1	for sliding windows, e.g. vehicle windows, to be	E05F11/38,
			opened or closed by vertical movement	E05F15/6892,
				E05F15/6894,
				E05F15/6896,
				E05F15/6899,
				E05F15/6901,
				E05F15/6903,
				E05F15/6905,
				E05F15/6907,
				E05F15/6909,
				E05F15/6911,
				E05F15/6914,
				E05F15/6916,
С	E05F11/382	2	(formaliale windows (E05E11/40, E05E11/52	E05F15/6918 E05F11/382,
	EUSF 11/382	<u> </u>	{for vehicle windows (E05F11/40 - E05F11/52 take precedence)}	E05F11/382, E05F15/6892,
			take precedence)	E05F15/6892, E05F15/6894,
				E05F15/6894, E05F15/6896,
				E05F15/6890, E05F15/6899,
				E05F15/6901,
				E05F15/6901, E05F15/6903,
				E05F15/6905, E05F15/6905,
				E05F15/6905, E05F15/6907,
				E05F15/6907, E05F15/6909,
				E05F15/6911,
				E051/15/0511,

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Type*	Symbol	Indent	<u>Title</u>	Transferred to#
		<u>Level</u> <u>Number</u>	"CPC only" text should normally be enclosed in {curly brackets}**	
		of dots	<u>[Curry Muchemy</u>	
		(e.g. 0, 1,		
		<u>2)</u>		
				E05F15/6914,
				E05F15/6916, E05F15/6918
С	E05F11/385	3	{Fixing of window glass to the carrier of the	E05F11/385,
			operating mechanism}	E05F15/6892,
				E05F15/6894
С	E05F	4	{using arrangements in the window glass, e.g.	E05F2011/387,
	2011/387		holes}	E05F15/6894
С	E05F11/40	2	operated by screw mechanism	E05F11/40,
С	E05E11/405	3	(formation windows)	E05F15/6896,
	E05F11/405	3	{for vehicle windows}	E05F11/405, E05F15/6896
С	E05F11/42	2	operated by rack bars and toothed wheels {or other	E05F13/08/0
	2031 11/ 12	_	push-pull mechanisms}	E05F15/6899,
			r r	E05F15/6901
С	E05F11/423	3	{for vehicle windows}	E05F11/423,
				E05F15/6899,
				E05F15/6901
С	E05F11/426	4	{Flexible rack-and-pinion arrangements}	E05F11/426,
С	E05F11/44	2	operated by one or more lifting arms	E05F15/6901 E05F11/44,
	EU3F 11/44	2	operated by one of more inting arms	E05F15/6903,
				E05F15/6905
С	E05F11/445	3	{for vehicle windows}	E05F11/445,
				E05F15/6903,
				E05F15/6905
С	E05F11/46	2	operated by lazy-tongs mechanism	E05F11/46,
				E05F15/6903,
	E05E11/465	2	(formation windows)	E05F15/6905
С	E05F11/465	3	{for vehicle windows}	E05F11/465, E05F15/6903,
				E05F15/6905, E05F15/6905
С	E05F11/48	2	operated by cords or chains {or other flexible	E05F11/48,
		_	elongated pulling elements, e.g. tapes}	E05F15/6907,
				E05F15/6909,
				E05F15/6911,
				E05F15/6914,
	E05E11/401	2	(fourthisle winderse)	E05F15/6916
С	E05F11/481	3	{for vehicle windows}	E05F11/481, E05F15/6907,
				E05F15/6909,
				E05F15/6911,
				E05F15/6914,
				E05F15/6916
С	E05F11/483	4	{by cables}	E05F11/483,
				E05F15/6909,

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Type*	<u>Symbol</u>	<u>Indent</u> <u>Level</u> Number	Title  "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
		of dots	<u>icuriy bracketsy</u>	
		(e.g. 0, 1,		
		<u>2)</u>		
		·		E05F15/6911,
				E05F15/6914,
				E05F15/6916
С	E05F11/485	5	{with cable tensioners}	E05F11/485,
				E05F15/6911
C	E05F11/486	5	{with one cable connection to the window glass}	E05F11/486,
	E07E11/400	~		E05F15/6914
C	E05F11/488	5	{with two cable connections to the window glass}	E05F11/488,
С	E05F11/50	2	Comply accurately about along a mortain in a horal real fact	E05F15/6916
	E03F11/30	2	Crank gear with clutches or retaining brakes, for operating window mechanisms	E05F11/50, E05F15/6918
С	E05F11/505	3	{for vehicle windows}	
	EUSF 11/303	3	{101 venicle windows}	E05F11/505, E05F15/6918
С	E05F11/52	2	combined with means for producing an additional	E05F13/0918 E05F11/52,
	L031 11/32	2	movement, e.g. a horizontal or a rotary movement	E05F15/6892,
			movement, e.g. a nonzonaror a rotary movement	E05F15/6894,
				E05F15/6896,
				E05F15/6899,
				E05F15/6901,
				E05F15/6903,
				E05F15/6905,
				E05F15/6907,
				E05F15/6909,
				E05F15/6911,
				E05F15/6914,
				E05F15/6916,
				E05F15/6918
С	E05F11/525	3	{for vehicle windows}	E05F11/525,
				E05F15/6892,
				E05F15/6894,
				E05F15/6896,
				E05F15/6899, E05F15/6901,
				E05F15/6901, E05F15/6903,
				E05F15/6905,
				E05F15/6907,
				E05F15/6909,
				E05F15/6911,
				E05F15/6914,
				E05F15/6916,
				E05F15/6918
M	E05F2015/434	4	{with cameras or optical sensors}	
С	E05F15/689	4	specially adapted for vehicle windows	E05F15/689,
				E05F15/6892,
				E05F15/6894,
				E05F15/6896,

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Tvpe*	Symbol	Indent	<u>Title</u>	Transferred to#
		<u>Level</u>	"CPC only" text should normally be enclosed in	
		<u>Number</u>	{curly brackets}**	
		of dots		
		(e.g. 0, 1, 2)		
				E05F15/6899,
				E05F15/6901,
				E05F15/6903,
				E05F15/6905, E05F15/6907,
				E05F15/6909,
				E05F15/6911,
				E05F15/6914,
				E05F15/6916,
				E05F15/6918
N	E05F15/6892	5	{Fixing of window glass to the carrier of the	
N	E05E15/6904	-	operating mechanism}	
N	E05F15/6894	6	{using arrangements in the window glass, e.g. holes}	
N	E05F15/6896	5	{operated by screw mechanism}	
N	E05F15/6899	5	{operated by rack bars and toothed wheels or other	
			push-pull mechanisms }	
N	E05F15/6901	6	{Flexible rack-and-pinion arrangements}	
N	E05F15/6903	5	{operated by one or more lifting arms}	
N N	E05F15/6905 E05F15/6907	6 5	{operated by lazy-tongs mechanism} {operated by cords or chains or other flexible	
IN	E03F13/090/	3	elongated pulling elements, e.g. tapes}	
N	E05F15/6909	6	{by cables}	
N	E05F15/6911	7	{with cable tensioners}	
N	E05F15/6914	7	{with one cable connection to the window glass}	
N	E05F15/6916	7	{with two cable connections to the window glass}	
N	E05F15/6918	5	{Crank gear with clutches or retaining brakes, for	
С	E05F15/692	5	operating window mechanisms } enabling manual drive, e.g. in case of power failure	E05F15/692,
	E031 13/072	3	chabing manual drive, e.g. in case of power failure	E05F15/6892,
				E05F15/6894,
				E05F15/6896,
				E05F15/6899,
				E05F15/6901,
				E05F15/6903,
				E05F15/6905,
				E05F15/6907,
				E05F15/6909, E05F15/6911,
				E05F15/6911, E05F15/6914,
				E05F15/6916,
				E05F15/6918
С	E05F15/695	5	Control circuits therefor	E05F15/695,
				E05F15/6892,
				E05F15/6894,
				E05F15/6896,

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Type*	<u>Symbol</u>	Indent Level Number of dots (e.g. 0, 1, 2)	Title  "CPC only" text should normally be enclosed in  {curly brackets}**	Transferred to#
				E05F15/6899, E05F15/6901, E05F15/6903, E05F15/6905, E05F15/6909, E05F15/6911, E05F15/6914, E05F15/6916, E05F15/6918
C	E05F15/697	5	Motor units therefor, e.g. geared motors	E05F15/697, E05F15/6892, E05F15/6894, E05F15/6896, E05F15/6901, E05F15/6903, E05F15/6907, E05F15/6909, E05F15/6911, E05F15/6914, E05F15/6916, E05F15/6918
D	E05F2700/00	0	Operating mechanisms for sliding windows	<no transfer=""></no>
D	E05F2700/02	1	Devices for moving and locking sliding windows	<no transfer=""></no>
D	E05F2700/04	1	Devices for blocking sliding windows in general	<no transfer=""></no>

\*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 <u>subclasses</u>, 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} <u>are</u> 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 <u>must</u> be completed for all C, D, F, and Q type entries. F groups will be deleted once reclassification is completed.

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- 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 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 E05F - DEVICES FOR MOVING WINGS INTO OPEN OR CLOSED POSITION; CHECKS FOR WINGS; WING FITTINGS NOT OTHERWISE PROVIDED FOR, CONCERNED WITH THE FUNCTIONING OF THE WING

Type*	<u>Location</u>	Old Warning	New/Modified Warning
N	E05F11/38		Group E05F 11/38 is impacted by reclassification into groups E05F 15/6892, E05F 15/6894, E05F 15/6896, E05F 15/6899, E05F 15/6901, E05F 15/6903, E05F 15/6905, E05F 15/6907, E05F 15/6909, E05F 15/6911, E05F 15/6914, E05F 15/6916 and E05F 15/6918. All groups listed in this Warning should be considered in order to perform a complete search.
N	E05F11/382		Group E05F 11/382 is impacted by reclassification into groups E05F 15/6892, E05F 15/6894, E05F 15/6896, E05F 15/6899, E05F 15/6901, E05F 15/6903, E05F 15/6905, E05F 15/6907, E05F 15/6909, E05F 15/6911, E05F 15/6914, E05F 15/6916 and E05F 15/6918. All groups listed in this Warning should be considered in order to perform a complete search.
N	E05F11/385		Group E05F 11/385 is impacted by reclassification into groups E05F 15/6892 and E05F 15/6894. Groups E05F 11/385, E05F 15/6892 and E05F 15/6894 should be considered in order to perform a complete search.
N	E05F2011/387		Group E05F 2011/387 is impacted by reclassification into group E05F 15/6894. Groups E05F 2011/387 and E05F 15/6894 should be considered in order to perform a complete search.
N	E05F11/40		Group E05F 11/40 is impacted by reclassification into group E05F 15/6896. Groups E05F 11/40 and E05F 15/6896 should be considered in order to perform a complete search.
N	E05F11/405		Group E05F 11/405 is impacted by reclassification into group E05F 15/6896. Groups E05F 11/405

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and E05F 15/6896 shou considered in order to promplete search.  N E05F 11/42  Group E05F 11/42 is image reclassification into group E05F 15/6899 and E051 Groups E05F 11/42, E0 and E05F 15/6901 should be reclassed as the search of the search	pacted by ups F 15/6901. 5F 15/6899 ld be
Complete search.   N   E05F 11/42   Group E05F 11/42 is im reclassification into group E05F 15/6899 and E05I Groups E05F 11/42, E0	pacted by ups F 15/6901. 5F 15/6899 ld be
N E05F 11/42 is im reclassification into group E05F 15/6899 and E05I Groups E05F 11/42, E0	ups F 15/6901. 5F 15/6899 Id be
	ld be
considered in order to positive complete search.	
N E05F 11/423 Group E05F 11/423 is in	npacted by
reclassification into group	
E05F 15/6899 and E051	
Groups E05F11/423, E	
and E05F 15/6901 shou	
considered in order to p	
complete search.	
N E05F 11/426 is in	npacted by
reclassification into grou	
E05F 15/6901. Groups I	
and E05F 15/6901 shou	
considered in order to p	erform a
complete search.	
N E05F11/44 Group E05F11/44 is im	
reclassification into gro	
E05F15/6903 and E05I	
Groups E05F 11/44, E0 and E05F 15/6905 shou	
considered in order to p	
complete search.	CITOIIII a
N E05F 11/445 Group E05F 11/445 is in	nnacted by
reclassification into group	
E05F 15/6903 and E051	F 15/6905.
Groups E05F 11/445, E	
and E05F 15/6905 shou	ld be
considered in order to p	erform a
complete search.	
N E05F11/46 Group E05F11/46 is im	
reclassification into gro	
E05F15/6903 and E05I	
Groups E05F 11/46, E0 and E05F 15/6905 shou	
considered in order to p	
complete search.	CII OIIII a
N E05F 11/465 Group E05F 11/465 is in	nnacted by
reclassification into group	
E05F 15/6903 and E051	
Groups E05F 11/465, E	
and E05F 15/6905 shou	

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Type*	Location	<u>Old Warning</u>	New/Modified Warning
			considered in order to perform a complete search.
N	E05F11/48		Group E05F 11/48 is impacted by reclassification into groups E05F 15/6907, E05F 15/6909, E05F 15/6911, E05F 15/6914 and E05F 15/6916. All groups listed in this Warning should be considered in order to perform a complete search.
N	E05F11/481		Group E05F 11/481 is impacted by reclassification into groups E05F 15/6907, E05F 15/6909, E05F 15/6911, E05F 15/6914 and E05F 15/6916. All groups listed in this Warning should be considered in order to perform a complete search.
N	E05F11/483		Group E05F 11/483 is impacted by reclassification into groups E05F 15/6909, E05F 15/6911, E05F 15/6914 and E05F 15/6916. All groups listed in this Warning should be considered in order to perform a complete search.
N	E05F11/485		Group E05F 11/485 is impacted by reclassification into group E05F 15/6911. Groups E05F 11/485 and E05F 15/6911 should be considered in order to perform a complete search.
N	E05F11/486		Group E05F 11/486 is impacted by reclassification into group E05F 15/6914. Groups E05F 11/486 and E05F 15/6914 should be considered in order to perform a complete search.
N	E05F11/488		Group E05F 11/488 is impacted by reclassification into group E05F 15/6916. Groups E05F 11/488 and E05F 15/6916 should be considered in order to perform a complete search.
N	E05F11/50		Group E05F 11/50 is impacted by reclassification into group E05F 15/6918. Groups E05F 11/50 and E05F 15/6918 should be considered in order to perform a complete search.
N	E05F11/505		Group E05F 11/505 is impacted by reclassification into group E05F 15/6918. Groups E05F 11/505

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Type*	Location	Old Warning	New/Modified Warning
			and E05F 15/6918 should be considered in order to perform a complete search.
N	E05F11/52		Group E05F 11/52 is impacted by reclassification into groups E05F 15/6892, E05F 15/6894, E05F 15/6896, E05F 15/6899, E05F 15/6901, E05F 15/6903, E05F 15/6905, E05F 15/6907, E05F 15/6909, E05F 15/6911, E05F 15/6914, E05F 15/6918. All groups listed in this Warning should be considered in order to perform a complete search.
N	E05F11/525		Group E05F 11/525 is impacted by reclassification into groups E05F 15/6892, E05F 15/6894, E05F 15/6896, E05F 15/6899, E05F 15/6901, E05F 15/6903, E05F 15/6905, E05F 15/6907, E05F 15/6909, E05F 15/6911, E05F 15/6914, E05F 15/6916 and E05F 15/6918. All groups listed in this Warning should be considered in order to perform a complete search.
N	E05F15/689		Group E05F 15/689 is impacted by reclassification into groups E05F 15/6892, E05F 15/6894, E05F 15/6896, E05F 15/6899, E05F 15/6901, E05F 15/6903, E05F 15/6905, E05F 15/6907, E05F 15/6909, E05F 15/6911, E05F 15/6914, E05F 15/6916 and E05F 15/6918. All groups listed in this Warning should be considered in order to perform a complete search.
N	E05F15/6892		Group E05F 15/6892 is incomplete pending reclassification of documents from groups E05F 11/38, E05F 11/382, E05F 11/385, E05F 11/52, E05F 11/525, E05F 15/689, E05F 15/692, E05F 15/695 and E05F 15/697. All groups listed in this Warning should be considered in order to perform a complete search.
N	E05F15/6894		Group E05F 15/6894 is incomplete pending reclassification of documents from groups E05F 11/38, E05F 11/382, E05F 11/385,

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Type*	Location	Old Warning	New/Modified Warning
			E05F 2011/387, E05F 11/52, E05F 11/525, E05F 15/689, E05F 15/692, E05F 15/695 and E05F 15/697. All groups listed in this Warning should be considered in order to perform a complete search.
N	E05F15/6896		Group E05F 15/6896 is incomplete pending reclassification of documents from groups E05F 11/38, E05F 11/382, E05F 11/40, E05F 11/405, E05F 11/525, E05F 11/525, E05F 15/689, E05F 15/692, E05F 15/695 and E05F 15/697. All groups listed in this Warning should be considered in order to perform a complete search.
N	E05F15/6899		Group E05F 15/6899 is incomplete pending reclassification of documents from groups E05F 11/38, E05F 11/382, E05F 11/42, E05F 11/423, E05F 11/525, E05F 11/525, E05F 15/689, E05F 15/692, E05F 15/695 and E05F 15/697. All groups listed in this Warning should be considered in order to perform a complete search.
N	E05F15/6901		Group E05F 15/6901 is incomplete pending reclassification of documents from groups E05F 11/38, E05F 11/382, E05F 11/42, E05F 11/423, E05F 11/426, E05F 11/52, E05F 11/525, E05F 15/689, E05F 15/692, E05F 15/695 and E05F 15/697. All groups listed in this Warning should be considered in order to perform a complete search.
N	E05F15/6903		Groups E05F 15/6903 and E05F 15/6905 are incomplete pending reclassification of documents from groups E05F 11/38, E05F 11/382, E05F 11/44, E05F 11/445, E05F 11/46, E05F 11/465, E05F 11/52, E05F 11/52, E05F 15/689, E05F 15/692, E05F 15/695 and E05F 15/697. All groups listed in this Warning should be considered in order to perform a complete search.

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Type*	Location	Old Warning	New/Modified Warning
N	E05F15/6907		Group E05F 15/6907 is incomplete pending reclassification of documents from groups E05F 11/38, E05F 11/382, E05F 11/48, E05F 11/481, E05F 11/525, E05F 11/525, E05F 15/689, E05F 15/692, E05F 15/695 and E05F 15/697. All groups listed in this Warning should be considered in order to perform a complete search.
N	E05F15/6909		Group E05F 15/6909 is incomplete pending reclassification of documents from groups E05F 11/38, E05F 11/382, E05F 11/483, E05F 11/481, E05F 11/483, E05F 11/52, E05F 11/525, E05F 15/689, E05F 15/692, E05F 15/695 and E05F 15/697. All groups listed in this Warning should be considered in order to perform a complete search.
N	E05F15/6911		Group E05F 15/6911 is incomplete pending reclassification of documents from groups E05F 11/38, E05F 11/382, E05F 11/484, E05F 11/481, E05F 11/485, E05F 11/485, E05F 11/525, E05F 11/525, E05F 15/689, E05F 15/692, E05F 15/695 and E05F 15/697. All groups listed in this Warning should be considered in order to perform a complete search.
N	E05F15/6914		Group E05F 15/6914 is incomplete pending reclassification of documents from groups E05F 11/38, E05F 11/382, E05F 11/483, E05F 11/486, E05F 11/486, E05F 11/486, E05F 11/522, E05F 11/525, E05F 15/692, E05F 15/695 and E05F 15/697. All groups listed in this Warning should be considered in order to perform a complete search.
N	E05F15/6916		Group E05F 15/6916 is incomplete pending reclassification of documents from groups E05F 11/38, E05F 11/382, E05F 11/481, E05F 11/481, E05F 11/488, E05F 11/488, E05F 11/52, E05F 11/525, E05F 15/689,

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Type*	Location	Old Warning	New/Modified Warning
			E05F 15/692, E05F 15/695 and E05F 15/697. All groups listed in this Warning should be considered in order to perform a complete search.
N	E05F15/6918		Group E05F 15/6918 is incomplete pending reclassification of documents from groups E05F 11/38, E05F 11/382, E05F 11/50, E05F 11/505, E05F 11/522, E05F 11/525, E05F 15/692, E05F 15/695 and E05F 15/697. All groups listed in this Warning should be considered in order to perform a complete search.
N	E05F15/692		Group E05F 15/692 is impacted by reclassification into groups E05F 15/6892, E05F 15/6894, E05F 15/6896, E05F 15/6899, E05F 15/6901, E05F 15/6903, E05F 15/6905, E05F 15/6907, E05F 15/6909, E05F 15/6911, E05F 15/6914, E05F 15/6916 and E05F 15/6918. All groups listed in this Warning should be considered in order to perform a complete search.
N	E05F15/695		Group E05F 15/695 is impacted by reclassification into groups E05F 15/6892, E05F 15/6894, E05F 15/6896, E05F 15/6899, E05F 15/6901, E05F 15/6903, E05F 15/6905, E05F 15/6907, E05F 15/6909, E05F 15/6914, E05F 15/6914, E05F 15/6918. All groups listed in this Warning should be considered in order to perform a complete search.
N	E05F15/697		Group E05F 15/697 is impacted by reclassification into groups E05F 15/6892, E05F 15/6894, E05F 15/6896, E05F 15/6899, E05F 15/6901, E05F 15/6903, E05F 15/6905, E05F 15/6907, E05F 15/6909, E05F 15/6911, E05F 15/6914, E05F 15/6916 and E05F 15/6918. All groups listed in this Warning should be considered in order to perform a complete search.

<sup>\*</sup>N = new warning, M = modified warning, D = deleted warning

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

## SUBCLASS E05F - DEVICES FOR MOVING WINGS INTO OPEN OR CLOSED POSITION; CHECKS FOR WINGS; WING FITTINGS NOT OTHERWISE PROVIDED FOR, CONCERNED WITH THE FUNCTIONING OF THE WING

Type*	<u>Location</u>	Old Guidance Heading	<u>New/Modified Guidance</u> <u>Heading</u>
M	E05F9/00 – E05F17/00	Operating mechanisms for wings (for safeguarding bank teller windows E05G5/00; for interconnected louvres E06B 7/086; for blinds or roll-type closures E06B 9/00)	Operating mechanisms for wings

<sup>\*</sup>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."

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## 2. A. DEFINITIONS (new)

## E05F 3/22

#### References

## Informative references

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

Braking devices combined with devices for holding the	E05C 17/00
wing open	
Friction devices between relatively-movable hinge parts	E05D 11/08
Devices for preventing movement between relatively-	E05D 11/10
movable hinge parts	

## E05F 3/221

## **Glossary of terms**

In this place, the following terms or expressions are used with the meaning indicated:

Mechanical power-lock	Mechanically operated lock for holding wing in position other than closed – includes spring
	operated

## E05F 15/42

## **Definition statement**

This place covers:

Detection of obstructions using devices mounted on the edge of the wing or mounted adjacent to or in the closing path of the wing.

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## E05F 15/6899

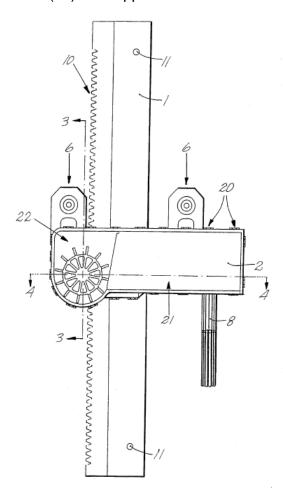
## **Definition statement**

This place covers:

Operation by push-pull mechanisms, e.g. moving between terminal ends.

Illustrative example of the subject matter classified in this place:

Rack (10) with upper and lower terminal ends.



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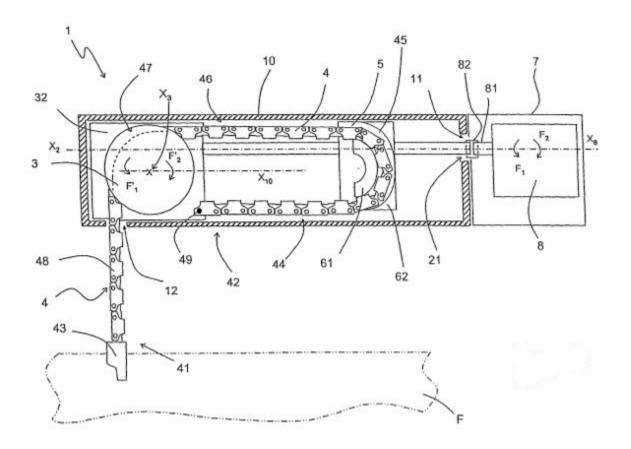
## E05F 15/6901

## **Definition statement**

This place covers:

Illustrative example of the subject matter classified in this place:

Flexible rack (4) with upper (49) and lower (43) terminal ends.



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## E05F 15/6907

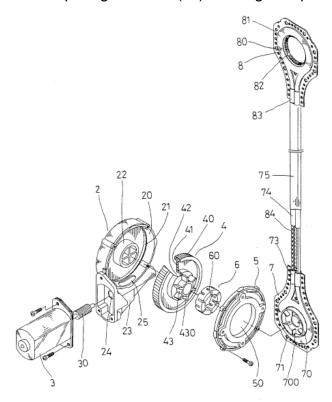
## **Definition statement**

This place covers:

Operation by flexible elongated pulling elements, e.g. endless loop arrangements.

Illustrative example of the subject matter classified in this place:

Flexible pulling element (84) forming a loop.



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## E05F 15/70

## **Definition statement**

This place covers:

Operating mechanisms actuated, i.e. started or controlled after starting, by automatic means.

## References

## Informative references

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

Safety devices	E05F 15/40
----------------	------------

## **Glossary of terms**

In this place, the following terms or expressions are used with the meaning indicated:

Automatic	Independent of external or manual control, i.e.
	control by detection, sensing or measuring

## E05F 15/77

## **Definition statement**

This place covers:

Automatic wireless control of wings, e.g. programmable control transmitted wirelessly.

## E05F 15/78

## **Definition statement**

This place covers:

Wireless control using light beams, e.g. infrared control.

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## 2. A. DEFINITIONS (modified)

#### **E05F**

Replace: In the <u>last paragraph</u> of the Definition statement, the term "controls" with "control".

#### **Definition statement**

This place covers:

The subclass furthermore covers braking devices, stops and buffers for wings as well as controlling means, such as remote wireless control means, and safety devices such as obstruction detection devices.

<u>Insert</u>: A period at the end of each line of the Relationships section.

#### Relationships with other classification places

Hinges and other suspension devices for wings in E05D.

Locks for doors and windows in E05B and E05C.

Construction of doors, windows, gates and frames in buildings in E06B.

Construction of doors, windows, and other moveable wings in vehicles in B60J.

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

#### Special rules of classification

Closers, openers, braking devices, stops and buffers for wings: E05F 1/00, E05F 3/00 and E05F 5/00.

Accessories for wings: E05F 7/00.

Operating mechanisms for wings: E05F 9/00, E05F 11/00, E05F 13/00,

E05F 15/00 and E05F 17/00.

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Controlling means, such as remote wireless control means, and safety devices such as obstruction detection devices: E05F 15/00.

A number of main groups in this sub-class contain a large number of older documents that were classified administratively. These documents have not yet been classified into the sub-groups and are indexed with E05Y 2800/00. This index should not be used for classification.

Under E05Y 2900/00 and lower an indexing scheme exists for information on the application or use of the devices. The indexing scheme is shared with the subclass E05D.

Replace: The existing Glossary of terms text with the following updated text.

## **Glossary of terms**

In this place, the following terms or expressions are used with the meaning indicated:

Braking device	Devices constructed to slow down the movement of wings
Closer	Gravity-, spring- or power-operated device constructed to provide a closing force to wings over a substantial part of their movement; includes devices for assisting users in wing-movement or for wing-counterbalancing; a closer can take the shape of a self-closing hinge
Opener	Gravity-, spring- or power-operated device constructed to provide an opening force to wings over a substantial part of their movement; includes devices for assisting users in wing-movement or for wing-counterbalancing
Operating mechanism for wings	Mechanism constructed to convert force inputs from a user, motor, opener or closer into movement of wings
Self- closing hinge	Gravity- or spring-operated hinge constructed to provide a closing force to wings over a substantial part of their movement; includes devices for wing-counterbalancing
Vehicle	Land vehicles, e.g. cars, trucks, buses or trains
Wing	Pivotable, slideable, or otherwise moveable part of doors, windows, flaps, covers or similar structures to prevent traffic through a passageway in building construction and outfitting, fences, domestic

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appliances, vehicles and furniture; the term also includes drawers, lids
of chests, car boots/trunks or car bonnets/hoods

#### E05F 1/12

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

## Special rules of classification

If the hinges comprise two or more pins, then E05D 3/06 applies in addition to E05F 1/12.

## E05F 3/00

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

#### **Definition statement**

This place covers:

Closers and openers, including self-closing hinges, with integrated braking devices such as rotary or piston fluid brakes, friction brakes or counteracting springs.

Construction of braking devices for such closers and openers.

Closers with integrated braking devices and additional arrangements, e.g. holding the wing open or assisting in opening the wing.

Replace: The existing Relationships text with the following updated text.

#### Relationships with other classification places

Construction of non-pneumatic or non-liquid braking devices for wings are classified in E05F 5/00 and subgroups.

Stops and buffers for wings are classified in E05F 5/00 and subgroups.

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#### References

<u>Delete</u>: 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:

Construction of non-pneumatic or non-liquid braking devices	E05F 5/00
Friction devices in hinges to hold relatively- moveable hinge parts and consequently wings in a user-chosen position	E05D 11/08

Insert: The following new Special rules section.

## Special rules of classification

References E05F 5/00 and E05D 11/08 are non-limiting in the main group E05F 3/00. CPC will be corrected once this inconsistency is resolved in IPC.

## E05F 5/00

#### References

<u>Insert</u>: The following new Informative references section.

## Informative references

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

Indexing scheme related to brakes, disengaging	E05Y 2201/20
means, holders, stops and valves	

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Insert: The following new Special rules section.

## Special rules of classification

E05F 5/00 provides classification entries for braking devices, stops or buffers associated with wings characterised by their wing movement.

The indexing codes under E05Y 2201/20 are used to classify further details not available in the main trunk. In particular, the indexing codes as foreseen under E05Y 2201/21 and E05Y 2201/224 are used to classify braking devices, stops or buffers combined with motors associated with wings.

The indexing codes under E05Y 2201/21 and E05Y 2201/224 are however not applied when classification symbols in E05F 5/00 or subgroups are being allocated for inventive information.

Looping references between E05F 5/00 and E05F 3/00 have been identified. Until this inconsistency is resolved in IPC, the current classification practice in CPC is as follows: Reference E05F 3/00 is limiting in the subgroup E05F 5/00. CPC will be corrected once this inconsistency is resolved in IPC.

#### E05F 7/08

#### References

Delete: The following references from the Limiting references section.

## **Limiting references**

This place does not cover:

Means for transmitting movements between vertical and horizontal	E05C 9/24
sliding bars, rods, or cables, for the fastening of wings	

<u>Insert</u>: 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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Means for transmitting movements between vertical and horizontal sliding bars, rods or cables,	E05C9/24
for the fastening of wings	

Insert: The following new Special rules section.

## Special rules of classification

Looping references between E05F 7/08 and E05C 9/24 have been identified. Until this inconsistency is resolved in IPC, the current classification practice in CPC is as follows: References E05C 9/24 and E05F 7/08 are non-limiting. CPC will be corrected once this inconsistency is resolved in IPC.

#### E05F 11/00

Replace: The existing Relationships text with the following updated text.

## Relationships with other classification places

Operating mechanisms for wings constructed to convert the force input from a motor into movement of a wing are classified in E05F 15/603.

Operating mechanisms for wings constructed to convert the force input from the weight of a person or vehicle into movement of a wing are classified in E05F 13/00.

Delete: The entire Special rules section.

#### E05F 11/38

Insert: The following new Informative references section.

#### References

#### Informative references

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

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Electrical power-operated mechanisms for	E05F 15/689
vertically-sliding wings specially adapted for vehicle	
windows	

Delete: The entire Special rules section.

#### E05F 15/40

#### References

<u>Insert</u>: The following two new references in the Informative references table.

#### Informative references

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

Indexing scheme related to safety arrangements associated with the wing motor	E05Y 2400/52
Indexing scheme related to physical protection, e.g. against corrosion, finger injury or unintended use	E05Y 2800/40

<u>Insert</u>: The following new Special rules section.

## Special rules of classification

E05F 15/40 provides classification entries for safety devices associated with motor driven wings. The indexing codes under E05Y 2400/52 are used to classify further details not available in the main trunk. E05Y 2400/55 - E05Y 2400/564 are in particular allocated in combination with E05F 15/41.

#### E05F 15/71

#### References

Delete: The entire Limiting references section.

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<u>Insert</u>: The following new Informative references section.

#### Informative references

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

Responsive to emergency conditions, e.g. fire	E05F 15/72
Indexing code for physical protection against high or low temperatures	E05Y 2800/414

## E05F 15/72

#### References

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

## Informative references

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

Indexing code for physical protection against fire	E05Y 2800/416
Indexing code for physical protection against smoke or gas	E05Y 2800/42

## E05F 15/76

## References

Replace: The existing Limiting references table text with the following updated text.

## **Limiting references**

This place does not cover:

Wireless control devices carried by persons or objects	E05F 15/77
--	------------

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## 2. B. DEFINITIONS QUICK FIX

Symbol	(e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
E05F 11/382	(e.g., section title)		Delete the entire Definition.

#### 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.

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## 3. REVISION CONCORDANCE LIST (RCL)

Type*	From CPC Symbol (existing)	To CPC Symbol(s)	
С	E05F11/38	E05F11/38, E05F15/6892, E05F15/6894, E05F15/6896,	
		E05F15/6899, E05F15/6901, E05F15/6903, E05F15/6905,	
		E05F 15/6907, E05F 15/6909, E05F 15/6911, E05F 15/6914,	
		E05F 15/6916, E05F 15/6918	
C	E05F11/382	E05F11/382, E05F15/6892, E05F15/6894, E05F15/6896,	
		E05F15/6899, E05F15/6901, E05F15/6903, E05F15/6905,	
		E05F15/6907, E05F15/6909, E05F15/6911, E05F15/6914,	
~		E05F15/6916, E05F15/6918	
C	E05F11/385	E05F11/385, E05F15/6892, E05F15/6894	
С	E05F2011/387	E05F2011/387, E05F15/6894	
С	E05F11/40	E05F11/40, E05F15/6896,	
С	E05F11/405	E05F11/405, E05F15/6896	
С	E05F11/42	E05F11/42,E05F15/6899,E05F15/6901	
С	E05F11/423	E05F11/423,E05F15/6899,E05F15/6901	
С	E05F11/426	E05F11/426, E05F15/6901	
С	E05F11/44	E05F11/44,E05F15/6903,E05F15/6905	
С	E05F11/445	E05F11/445,E05F15/6903,E05F15/6905	
С	E05F11/46	E05F11/46, E05F15/6903, E05F15/6905	
С	E05F11/465	E05F11/465, E05F15/6903, E05F15/6905	
С	E05F11/48	E05F11/48, E05F15/6907, E05F15/6909, E05F15/6911,	
		E05F15/6914,E05F15/6916	
С	E05F11/481	E05F11/481, E05F15/6907, E05F15/6909, E05F15/6911,	
		E05F15/6914, E05F15/6916	
C	E05F11/483	E05F11/483, E05F15/6909, E05F15/6911, E05F15/6914,	
E05F15/6916			
C	E05F11/485	E05F11/485, E05F15/6911	
С	E05F11/486	E05F11/486, E05F15/6914	
С	E05F11/488	E05F11/488, E05F15/6916	
С	E05F11/50	E05F11/50,E05F15/6918	
С	E05F11/505	E05F11/505, E05F15/6918	
С	E05F11/52	E05F11/52, E05F15/6892, E05F15/6894, E05F15/6896,	
		E05F15/6899, E05F15/6901, E05F15/6903, E05F15/6905,	
		E05F15/6907, E05F15/6909, E05F15/6911, E05F15/6914,	
~		E05F15/6916, E05F15/6918	
C	E05F11/525	E05F11/525, E05F15/6892, E05F15/6894, E05F15/6896,	
		E05F15/6899, E05F15/6901, E05F15/6903, E05F15/6905,	
		E05F15/6907, E05F15/6909, E05F15/6911, E05F15/6914,	
C	E05E15/600	E05F15/6916, E05F15/6918	
C	E05F15/689	E05F15/689, E05F15/6892, E05F15/6894, E05F15/6896,	
		E05F15/6899, E05F15/6901, E05F15/6903, E05F15/6905,	
		E05F15/6907, E05F15/6909, E05F15/6911, E05F15/6914,	
C	E05E15/602	E05F15/6916, E05F15/6918	
C	E05F15/692	E05F15/692, E05F15/6892, E05F15/6894, E05F15/6896,	
		E05F15/6899, E05F15/6901, E05F15/6903, E05F15/6905,	
		E05F15/6907, E05F15/6909, E05F15/6911, E05F15/6914,	
		E05F15/6916, E05F15/6918	

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Type*	From CPC Symbol	To CPC Symbol(s)
	(existing)	
С	E05F15/695	E05F15/695, E05F15/6892, E05F15/6894, E05F15/6896,
		E05F 15/6899, E05F 15/6901, E05F 15/6903, E05F 15/6905,
		E05F15/6907, E05F15/6909, E05F15/6911, E05F15/6914,
		E05F15/6916,E05F15/6918
С	E05F15/697	E05F 15/697, E05F 15/6892, E05F 15/6894, E05F 15/6896,
		E05F 15/6899, E05F 15/6901, E05F 15/6903, E05F 15/6905,
		E05F 15/6907, E05F 15/6909, E05F 15/6911, E05F 15/6914,
		E05F15/6916, E05F15/6918
D	E05F2700/00	<no transfer=""></no>
D	E05F2700/02	<no transfer=""></no>
D	E05F2700/04	<no transfer=""></no>

<sup>\*</sup> 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; D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed.

#### NOTES:

- Only C, D, F, and Q type entries are included in the table above.
- When multiple symbols are included in the "To" column, do not use ranges of symbols.
- 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 ("To") symbol, however it is required to specify "<no transfer>" in the "To" column for such cases.
- RCL is not needed for finalisation projects.

DATE: JANUARY 1, 2024

#### PROJECT RP11523

#### 4. CHANGES TO THE CPC-TO-IPC CONCORDANCELIST (CICL)

<u>CPC</u>	<u>IPC</u>	Action*
E05F15/6892	E05F15/689	NEW
E05F15/6894	E05F15/689	NEW
E05F15/6896	E05F15/689	NEW
E05F15/6899	E05F15/689	NEW
E05F15/6901	E05F15/689	NEW
E05F15/6903	E05F15/689	NEW
E05F15/6905	E05F15/689	NEW
E05F15/6907	E05F15/689	NEW
E05F15/6909	E05F15/689	NEW
E05F15/6911	E05F15/689	NEW
E05F15/6914	E05F15/689	NEW
E05F15/6916	E05F15/689	NEW
E05F15/6918	E05F15/689	NEW
E05F2700/00		DELETE
E05F2700/02		DELETE
E05F2700/04		DELETE

#### \*Action column:

- For an (N) or (Q) entry, provide an IPC symbol and complete the Action column with "NEW."
- For an existing CPC main trunk entry or indexing entry where the existing IPC symbol needs to be changed, provide an updated IPC symbol and complete the Action column with "UPDATED."
- For a (D) CPC entry or indexing entry complete the Action column with "DELETE." IPC symbol does not need to be included in the IPC column.
- For an (N) 2000 series CPC entry which is positioned within the main trunk scheme (breakdown code) provide an IPC symbol and complete the action column with "NEW".
- For an (N) 2000 series CPC entry positioned at the end of the CPC scheme (orthogonal code), with no IPC equivalent, complete the IPC column with "CPCONLY" and complete the action column with "NEW".

#### NOTES:

- F symbols are <u>not</u> included in the CICL table above.
- T and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.