EUROPEAN PATENT OFFICE U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1067

DATE: MAY 1, 2021

PROJECT RP0515

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

Action	<u>Subclass</u>	Group(s)
SCHEME:		
Symbols New:	B65H	75/2209, 75/2218, 75/2227, 75/2236, 75/2245, 75/2254, 75/2263, 75/2272, 75/2281, 75/229, 75/2413, 75/2416, 75/2437, 75/2455, 75/2484, 75/2487, 75/249, 75/2495
Titles Changed:	B65H	75/02, 75/242, 75/243, 75/245, 75/246, 75/248
Warnings New:	B65H	75/22, 75/2209, 75/2218, 75/2236, 75/2245, 75/2254, 75/24, 75/241, 75/2413, 75/2416, 75/242, 75/243, 75/2437, 75/245, 75/2455, 75/246, 75/247, 75/248, 75/2484, 75/2487, 75/249, 75/2495
DEFINITIONS:		
Definitions New:	B65H	75/2209, 75/2218, 75/2227, 75/2236, 75/2245, 75/2263, 75/229, 75/2413, 75/2416, 75/2455, 75/2487, 75/249
Definitions Modified:	B65H	75/02, 75/22, 75/241, 75/242, 75/245

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

- \land 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)

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- 4. X 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. <u>New, Modified or Deleted Group(s)</u>

SUBCLASS B65H - HANDLING THIN OR FILAMENTARY MATERIAL, e.g. SHEETS, WEBS, CABLES

<u>Type</u> *	<u>Symbol</u>	Indent Level <u>Number</u> of dots (e.g. 0, 1, <u>2</u>)	<u>Title</u> <u>(new or modified)</u> <u>"CPC only" text should normally be</u> <u>enclosed in {curly brackets}</u> **	<u>Transferred to</u>
М	B65H 75/02	1	Cores, formers, supports, or holders for coiled, wound, or folded material, e.g. reels, spindles, bobbins, cop tubes, cans {, mandrels or chucks} (packaging aspects B65D85/67)	
U	B65H 75/18	2	Constructional details	
С	B65H 75/22	3	collapsible; with removable parts	B65H 75/22, B65H 75/2209, B65H 75/2218, B65H 75/2227, B65H 75/2236, B65H 75/2245, B65H 75/2254, B65H 75/2263, B65H 75/2272, B65H 75/2281, B65H 75/229
N	B65H 75/2209	4	{collapsible by use of hinged or slidable parts; foldable without removing parts}	
N	B65H75/2218	4	{Collapsible hubs}	
N	B65H75/2227	5	{with a flange fixed to the hub part}	
N	B65H75/2236	4	{Collapsible flanges}	
N	B65H75/2245	4	{connecting flange to hub}	
N	B65H 75/2254	4	{with particular joining means for releasably connecting parts}	
N	B65H 75/2263	5	{Discrete fasteners, e.g. bolts or screws}	
N	B65H 75/2272	5	{releasably connected by relative rotatable movement of parts, e.g. threaded or bayonet fit}	

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<u>Type</u> *	<u>Symbol</u>	Indent Level Number of dots (e.g. 0, 1, 2)	<u>Title</u> <u>(new or modified)</u> <u>"CPC only" text should normally be</u> <u>enclosed in {curly brackets}</u> **	<u>Transferred to</u>
N	B65H 75/2281	5	{Snap-fit connections}	
N	B65H 75/229	5	{Bendable tabs being deformable over a cooperating surface}	
С	B65H 75/24	3	adjustable in configuration, e.g. expansible	B65H 75/24, B65H 75/2495
С	B65H 75/241	4	{axially adjustable reels or bobbins}	B65H 75/241, B65H 75/2413, B65H 75/2416
N	B65H 75/2413	5	{adjustable by threaded means}	
N	B65H 75/2416	5	{with axial positions defined by discrete locations}	
С	B65H 75/242	4	{Expansible spindles, mandrels or chucks, e.g. for securing or releasing cores, holders or packages}	B65H 75/242, B65H 75/243, B65H 75/2437, B65H 75/245, B65H 75/2455, B65H 75/246, B65H 75/247, B65H 75/248, B65H 75/2484, B65H 75/2487, B65H 75/249, B65H 75/2495
С	B65H 75/243	5	{actuated by use of a fluid}	B65H 75/243, B65H 75/2437
N	B65H 75/2437	6	{comprising a fluid-pressure-actuated elastic member, e.g. a diaphragm or a pneumatic tube}	
С	B65H 75/245	5	{by deformation of an elastic or flexible material (B65H75/2437 takes precedence)}	B65H 75/245, B65H 75/2455
N	B65H 75/2455	6	{deformation resulting from axial compression of elastic or flexible material}	
С	B65H 75/246	5	{expansion caused by relative rotation around the supporting spindle or core axis}	B65H 75/246, B65H 75/249

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<u>Type</u> *	<u>Symbol</u>	Indent Level <u>Number</u> of dots (e.g. 0, 1, 2)	<u>Title</u> (new or modified) <u>"CPC only" text should normally be</u> <u>enclosed in {curly brackets}</u> **	<u>Transferred to</u>
С	B65H 75/247	6	{using rollers or rods moving relative to a wedge or cam surface}	B65H 75/247, B65H 75/249
С	B65H 75/248	5	{expansion caused by actuator movable in axial direction}	B65H 75/248, B65H 75/2484, B65H 75/2487
N	B65H 75/2484	6	{movable actuator including wedge-like or lobed member}	
N	B65H 75/2487	6	{comprising a linkage}	
N	B65H 75/249	5	{expansion caused by actuator movable in direction perpendicular to or about the axis (B65H75/243 – B65H75/2487 take precedence)}	
N	B65H 75/2495	5	{including plural segments or spokes which are individually adjustable}	

*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.
- When multiple symbols are included in the "Transferred to" column, avoid using ranges of symbols in order to be as precise as possible.
- For administrative transfer of documents, the following text should be used: "< administrative transfer to XX>", "<administrative transfer to XX and YY simultaneously>", or "<administrative transfer to XX, YY, ...and ZZ simultaneously>" when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be "additional information".
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations "ADD" or "INV": <administrative transfer to XX ADD>, <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.

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- In certain situations, the "D" entries of 2000-series or Y-series groups may not require a destination ("Transferred to") symbol, however it is required to specify "<no transfer>" in the "Transferred to" column for such cases. For finalisation projects, the deleted "F" symbols should have <no transfer> in the "Transferred to" column. ٠
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- For more details about the types of scheme change, see CPC Guide.

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B. <u>New</u>, Modified or Deleted Warning(s)

SUBCLASS B65H - HANDLING THIN OR FILAMENTARY MATERIAL, e.g. SHEETS, WEBS, CABLES

<u>Type</u> *	Location	Old Warning	<u>New/Modified Warning</u>
N	B65H 75/22		Group B65H 75/22 is impacted by reclassification into groups B65H 75/2209, B65H 75/2218, B65H 75/2227, B65H 75/2236, B65H 75/2245, B65H 75/2254, B65H 75/2263, B65H 75/2272, B65H 75/2281 and B65H 75/229. All groups listed in this Warning should be considered in order to perform a complete search.
N	B65H 75/2209		Group B65H 75/2209 is incomplete pending reclassification of documents from group B65H 75/22. Groups B65H 75/22 and B65H 75/2209 should be considered in order to perform a complete search.
N	B65H 75/2218		Groups B65H 75/2218 and B65H 75/2227 are incomplete pending reclassification of documents from group B65H 75/22. Groups B65H 75/22, B65H 75/2218 and B65H 75/2227 should be considered in order to perform a complete search.
N	B65H 75/2236		Group B65H 75/2236 is incomplete pending reclassification of documents from group B65H 75/22. Groups B65H 75/22 and B65H 75/2236 should be considered in order to perform a complete search.
N	B65H 75/2245		Group B65H 75/2245 is incomplete pending reclassification of documents from group B65H 75/22. Groups B65H 75/22 and B65H 75/2245 should be considered in order to perform a complete search.

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<u>Type</u> *	Location	Old Warning	<u>New/Modified Warning</u>
N	B65H 75/2254		Groups B65H 75/2254, B65H 75/2263, B65H 75/2272, B65H 75/2281 and B65H 75/229 are incomplete pending reclassification of documents from group B65H 75/22. All groups listed in this Warning should be considered in order to perform a complete search.
N	B65H 75/24		Group B65H 75/24 is impacted by reclassification into group B65H 75/2495. Groups B65H 75/24 and B65H 75/2495 should be considered in order to perform a complete search.
N	B65H 75/241		Group B65H 75/241 is impacted by reclassification into groups B65H 75/2413 and B65H 75/2416. Groups B65H 75/241, B65H 75/2413 and B65H 75/2416 should be considered in order to perform a complete search.
N	B65H 75/2413		Group B65H 75/2413 is incomplete pending reclassification of documents from group B65H 75/241. Groups B65H 75/241 and B65H 75/2413 should be considered in order to perform a complete search.
N	B65H 75/2416		Group B65H 75/2416 is incomplete pending reclassification of documents from group B65H 75/241. Groups B65H 75/241 and B65H 75/2416 should be considered in order to perform a complete search.
N	B65H 75/242		Group B65H 75/242 is impacted by reclassification into groups B65H 75/243, B65H 75/2437, B65H 75/245, B65H 75/2455, B65H 75/246, B65H 75/247, B65H 75/248, B65H 75/2484, B65H 75/2487, B65H 75/249 and B65H 75/2495. All groups listed in this Warning should be considered in order to perform a complete search.

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<u>Type</u> *	Location	Old Warning	<u>New/Modified Warning</u>
N	B65H 75/243		Group B65H 75/243 is incomplete pending reclassification of documents from group B65H 75/242. Group B65H 75/243 is also impacted by reclassification into group B65H 75/2437. Groups B65H 75/242, B65H 75/243 and B65H 75/2437 should be considered in order to perform a complete search.
N	B65H 75/2437		Group B65H 75/2437 is incomplete pending reclassification of documents from groups B65H 75/242 and B65H 75/243. Groups B65H 75/242, B65H 75/243 and B65H 75/2437 should be considered in order to perform a complete search.
N	B65H 75/245		Group B65H 75/245 is incomplete pending reclassification of documents from group B65H 75/242. Group B65H 75/245 is also impacted by reclassification into group B65H 75/2455. Groups B65H 75/242, B65H 75/245 and B65H 75/2455 should be considered in order to perform a complete search.
N	B65H 75/2455		Group B65H 75/2455 is incomplete pending reclassification of documents from groups B65H 75/242 and B65H 75/245. Groups B65H 75/242, B65H 75/245 and B65H 75/2455 should be considered in order to perform a complete search.
N	B65H 75/246		Group B65H 75/246 is incomplete pending reclassification of documents from group B65H 75/242. Group B65H 75/246 is also impacted by reclassification into group B65H 75/249. Groups B65H 75/242, B65H 75/246 and B65H 75/249 should be considered in order to perform a complete search.

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<u>Type</u> *	Location	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	B65H 75/247		Group B65H 75/247 is incomplete pending reclassification of documents from group B65H 75/242. Group B65H 75/247 is also impacted by reclassification into group B65H 75/249. Groups B65H 75/242, B65H 75/247 and B65H 75/249 should be considered in order to perform a complete search.
N	B65H 75/248		Group B65H 75/248 is incomplete pending reclassification of documents from group B65H 75/242. Group B65H 75/248 is also impacted by reclassification into groups B65H 75/2484 and B65H 75/2487. All groups listed in this Warning should be considered in order to perform a complete search.
N	B65H 75/2484		Group B65H 75/2484 is incomplete pending reclassification of documents from groups B65H 75/242 and B65H 75/248. Groups B65H 75/242, B65H 75/248 and B65H 75/2484 should be considered in order to perform a complete search.
N	B65H 75/2487		Group B65H 75/2487 is incomplete pending reclassification of documents from groups B65H 75/242 and B65H 75/248. Groups B65H 75/242, B65H 75/248 and B65H 75/2487 should be considered in order to perform a complete search.
N	B65H 75/249		Group B65H 75/249 is incomplete pending reclassification of documents from groups B65H 75/242, B65H 75/246 and B65H 75/247. All groups listed in this Warning should be considered in order to perform a complete search.
N	B65H 75/2495		Group B65H 75/2495 is incomplete pending reclassification of documents from groups B65H 75/24 and B65H 75/242. Groups B65H 75/24, B65H 75/242 and B65H 75/2495 should be considered in order to perform a complete search.

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*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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Definitions (new)

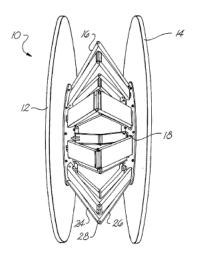
Insert: The following new Definitions.

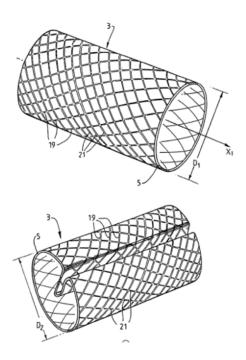
B65H 75/2209

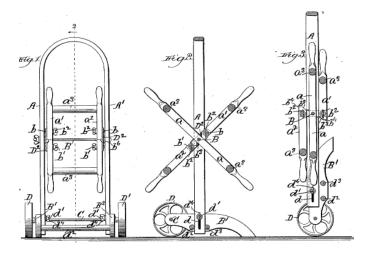
Definition statement

This place covers:

Cores, formers, supports or holders that are collapsible as a whole without substantially removing parts.







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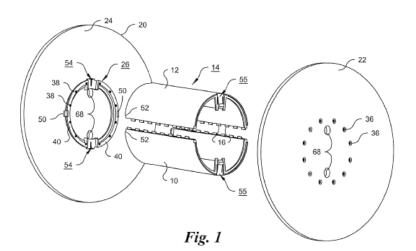
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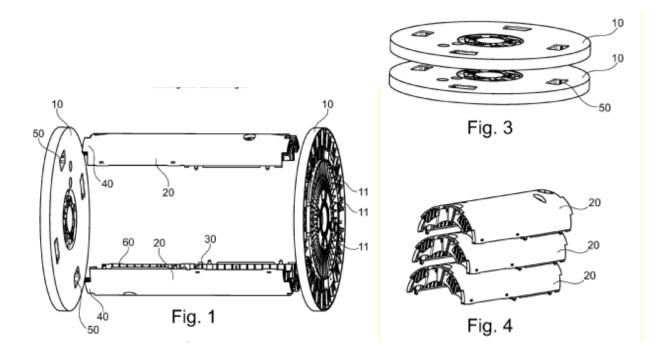
B65H 75/2218

Definition statement

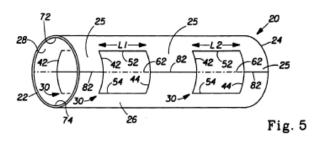
This place covers:

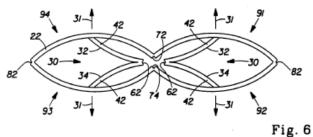
Cores, formers, supports or holders of which the hub itself is collapsible or demountable.





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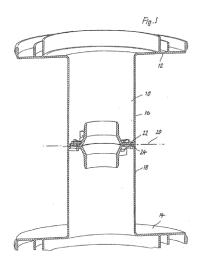


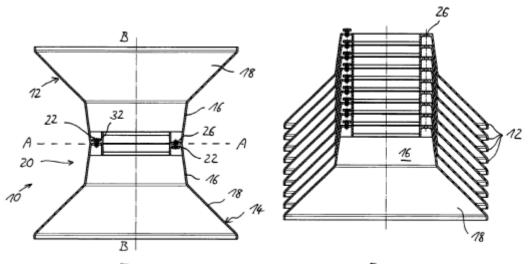
B65H 75/2227

Definition statement

This place covers:

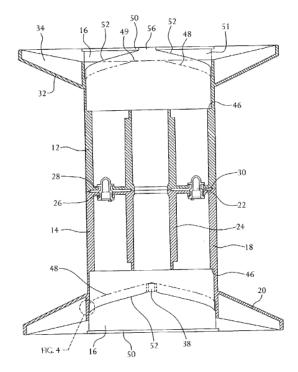
Cores, formers, supports or holders of which the hub itself is collapsible or demountable, whereby the hub exists of several (typically two) parts with a flange fixed to a hub part as a single piece construction, i.e. not releasably connected.











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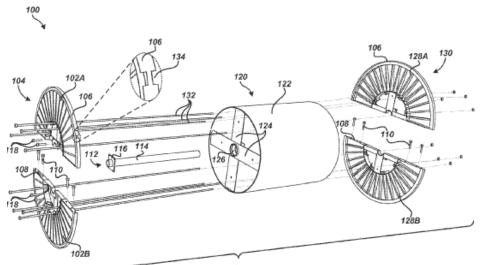
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B65H 75/2236

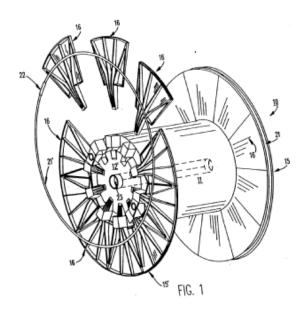
Definition statement

This place covers:

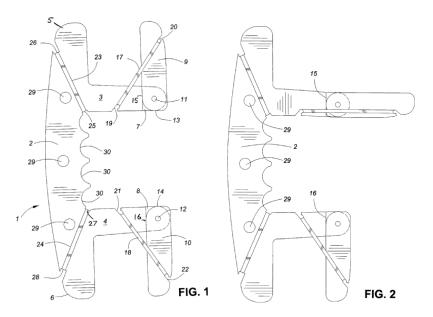
Cores, formers, supports or holders of which at least one flange itself is collapsible or demountable.







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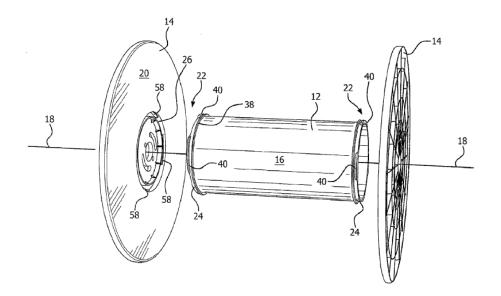
B65H75/2245

Definition statement

This place covers:

Releasable connecting means between flange and hub.

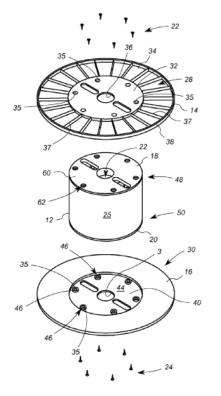
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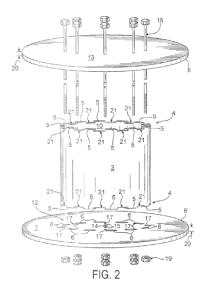


B65H75/2263

Definition statement

This place covers:



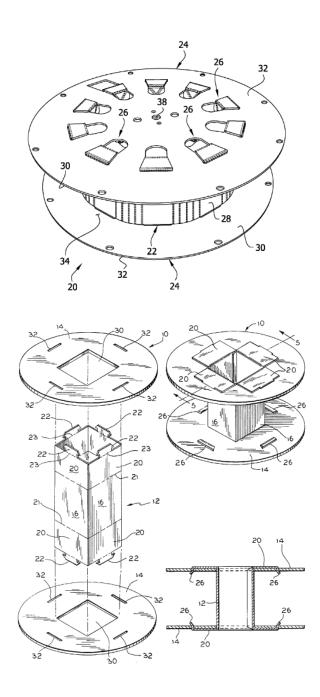


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B65H75/229

Definition statement

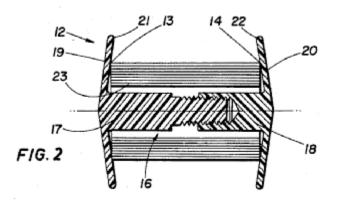


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B65H 75/2413

Definition statement

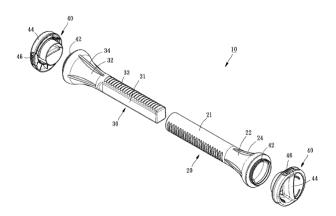
Illustrative example of subject matter classified in this group:

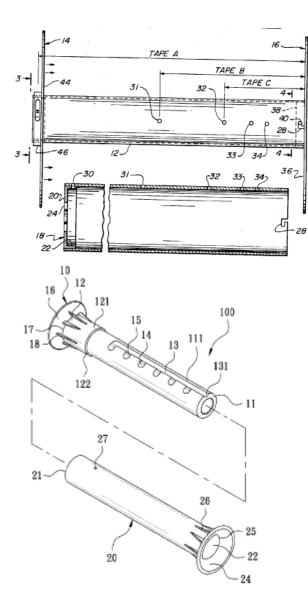


B65H 75/2416

Definition statement

Length-adjustable devices with a series of engagement portions positioned along the axial direction:





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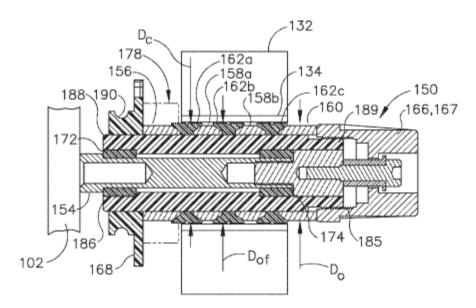
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B65H 75/2455

Definition statement

Illustrative example of subject matter classified in this group:

Pressure applied by adjustment member (166) to outer ring (160) increases the diameter of expansion rings (162a,b,c) to secure reel (132):



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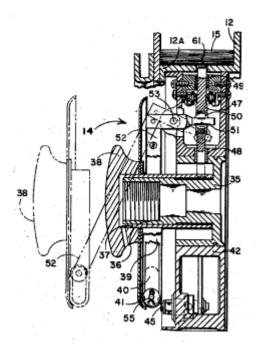
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B65H 75/2487

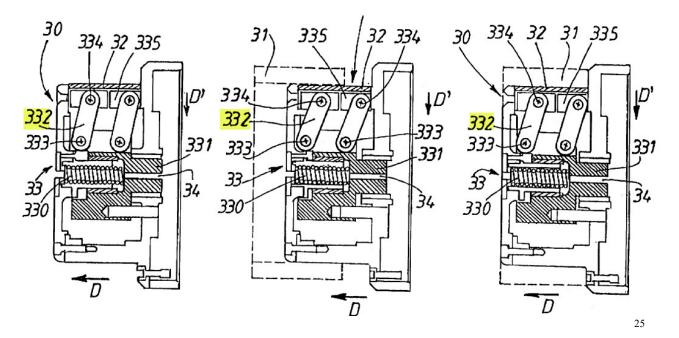
Definition statement

Illustrative example of subject matter classified in this group:

Actuator (38) moves axially and operates linkage (52) and toggle drive link (47) to engage reel (12):



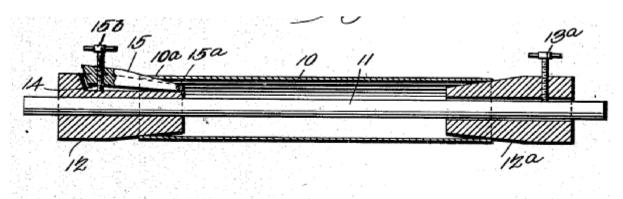
Linkage mechanism (332) in figure below.

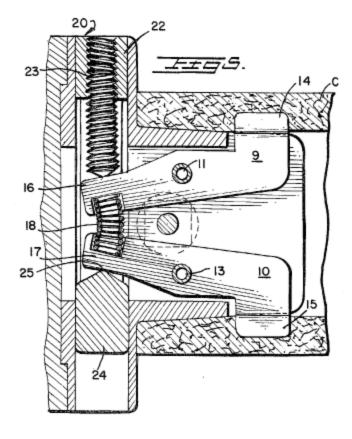


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B65H 75/249

Definition statement





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References

Limiting references

This place does not cover:

Expansible spindles, mandrels or chucks: actuated by use	B65H 75/243 -
of a fluid, by deformation of an elastic or flexible material,	B65H 75/2487
by relative rotation around the supporting axis, or by	
actuator movable in axial direction	

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Definitions (modified)

B65H 75/02

Insert: The following new References/Limiting references section.

References

Limiting references

This place does not cover:

Packaging aspects	B65D 85/67

Special rules of classification

- <u>Replace</u>: The existing bulleted text in the Special rules section with the following modified text.
 - Material to be wound: B65H 2701/30 Indexing Codes
 - Material of core or reel: B65H 2701/51 Indexing Codes
 - Elements within core or reel: B65H 2701/52 Indexing Codes
 - Adaptations of cores or reel for special purpose: B65H 2701/53 Indexing Codes

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B65H 75/22

Definition statement

Insert: The following new text as the first paragraph of the Definition statement.

Cores, formers, supports or holders that are collapsible or demountable, or have removable parts.

B65H 75/241

<u>Delete</u>: The entire References/Informative references section.

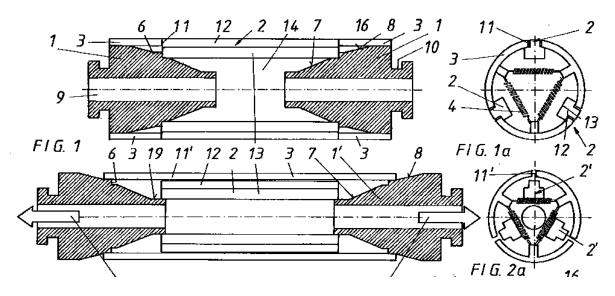
B65H 75/242

Definition statement

<u>Replace</u>: The existing Definition statement and images with the following modified text and image.

Arrangements of expansible spindles, mandrels or chucks not provided for in subgroups, e.g.

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Informative references

<u>Replace</u>: The existing Informative references table with the following modified table.

Expansible drum for winding metal wire	B21C 47/30
Expansible mandrels for machine tools	B23B 31/00
	B65H 16/00, B65H 18/00

B65H 75/245

Insert: The following new References/Limiting references section.

References

Limiting references

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Expansible spindles, mandrels or chucks comprising a fluid pressure actuated elastic member, e.g. a diaphragm or a pneumatic tube	B65H 75/2437
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3. REVISION CONCORDANCE LIST (RCL)

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
	(CAISTIN <u>Z)</u>	
С	B65H 75/22	B65H 75/22, B65H 75/2209, B65H 75/2218, B65H 75/2227,
		B65H 75/2236, B65H 75/2245, B65H 75/2254, B65H 75/2263,
		B65H 75/2272, B65H 75/2281, B65H 75/229
С	B65H 75/24	B65H 75/24, B65H 75/2495
С	B65H 75/241	B65H 75/241, B65H 75/2413, B65H 75/2416
С	B65H 75/242 B65H 75/242, B65H 75/243, B65H 75/2437, B65H 75/245	
		B65H 75/2455, B65H 75/246, B65H 75/247, B65H 75/248,
		B65H 75/2484, B65H 75/2487, B65H 75/249, B65H 75/2495
С	B65H 75/243	B65H 75/243, B65H 75/2437
С	B65H 75/245	B65H 75/245, B65H 75/2455
С	B65H 75/246	B65H 75/246, B65H 75/249
С	B65H 75/247	B65H 75/247, B65H 75/249
С	B65H 75/248	B65H 75/248, B65H 75/2484, B65H 75/2487

* 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:

- <u>Only</u> 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.

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

<u>CPC</u>	<u>IPC</u>	Action*	
B65H 75/2209	B65H 75/22	NEW	
B65H 75/2218	B65H 75/22	NEW	
B65H 75/2227	B65H 75/22	NEW	
B65H 75/2236	B65H 75/22	NEW	
B65H 75/2245	B65H 75/22	NEW	
B65H 75/2254	B65H 75/22	NEW	
B65H 75/2263	B65H 75/22	NEW	
B65H 75/2272	B65H 75/22	NEW	
B65H 75/2281	B65H 75/22	NEW	
B65H 75/229	B65H 75/22	NEW	
B65H 75/2413	B65H 75/24	NEW	
B65H 75/2416	B65H 75/24	NEW	
B65H 75/2437	B65H 75/24	NEW	
B65H 75/2455	B65H 75/24	NEW	
B65H 75/2484	B65H 75/24	NEW	
B65H 75/2487	B65H 75/24	NEW	
B65H 75/249	B65H 75/24	NEW	
B65H 75/2495	B65H 75/24	NEW	

*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.