

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1367

DATE: JANUARY 1, 2023

PROJECT MP11924

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Titles Changed:	B41J	SUBCLASS
	B41J	1/00
	B41J	2/00, 2/385, 2/405, 2/435, 2/44, 2/442, 2/465, 2/52, 2/525
	B41J	3/00, 3/28, 3/38, 3/39, 3/407, 3/44, 3/50, 3/51, 3/62
	B41J	5/00
	B41J	11/00, 11/005, 11/007, 11/06, 11/14, 11/20, 11/22, 11/42, 11/48, 11/50, 11/51, 11/56, 11/58, 11/66
	B41J	13/00, 13/02, 13/08, 13/12, 13/26
	B41J	15/00, 15/20
	B41J	19/00
	B41J	21/00
	B41J	23/00
	B41J	25/22, 25/24, 25/304, 25/308, 25/34
	B41J	29/10, 29/15, 29/18, 29/36, 29/46
	B41J	31/00
	B41J	33/54
	B41J	35/12, 35/16
Warnings Modified:	B41J	SUBCLASS
Notes Modified:	B41J	SUBCLASS
DEFINITIONS:		
Definitions Deleted: (no frozen (F) symbol definitions should be deleted)	B41J	3/51
Definitions New:	B41J	2/405
	B41J	3/39
	B41J	17/24
	B41J	25/304
	B41J	29/10, 29/16, 29/18, 29/36, 29/46
Definitions Modified:	B41J	SUBCLASS
		1/00, 1/24
		2/00, 2/125, 2/14, 2/165, 2/205, 2/21, 2/32, 2/385, 2/435, 2/442, 2/465, 2/52, 2/525
		3/00, 3/28, 3/407, 3/50, 3/62

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<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
		5/00, 5/08
		11/00, 11/007, 11/053, 11/14, 11/48, 11/56, 11/66
		13/02
		15/20
		17/00, 17/36
		19/00, 19/14, 19/20, 19/76
		21/00
		23/00
		25/02, 25/22, 25/24, 25/308, 25/312, 25/316, 25/34
		27/00
		29/06, 29/15, 29/26, 29/393
		31/00
		32/00
		33/00, 33/08, 33/54
		35/12, 35/16

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

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

1. CLASSIFICATION SCHEME CHANGES

- A. New, Modified or Deleted Group(s)
- B. New, Modified or Deleted Warning(s)
- C. New, Modified or Deleted Note(s)
- D. New, Modified or Deleted Guidance Heading(s)

2. DEFINITIONS

- A. New or Modified Definitions (Full definition template)
- B. Modified or Deleted Definitions (Definitions Quick Fix)

3. REVISION CONCORDANCE LIST (RCL)

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

5. CHANGES TO THE CROSS-REFERENCE LIST (CRL)

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1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

SUBCLASS B41J - TYPEWRITERS; SELECTIVE PRINTING MECHANISMS, i.e. MECHANISMS PRINTING OTHERWISE THAN FROM A FORME; CORRECTION OF TYPOGRAPHICAL ERRORS

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of</u> <u>dots (e.g. 0, 1,</u> <u>2)</u>	<u>Title</u> <u>“CPC only” text should normally be</u> <u>enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	B41J	Subclass	TYPEWRITERS; SELECTIVE PRINTING MECHANISMS, i.e. MECHANISMS PRINTING OTHERWISE THAN FROM A FORME; CORRECTION OF TYPOGRAPHICAL ERRORS	
M	B41J1/00	0	Typewriters or selective printing mechanisms characterised by the mounting, arrangement or disposition of the types or dies	
M	B41J2/00	0	Typewriters or selective printing mechanisms characterised by the printing or marking process for which they are designed (mounting, arrangement or disposition of types or dies B41J1/00)	
M	B41J2/385	1	characterised by selective supply of electric current or selective application of magnetism to a printing or impression-transfer material (B41J2/005 takes precedence)	
M	B41J2/405	4	Selection of the stylus or auxiliary electrode to be supplied	
M	B41J2/435	1	characterised by selective application of radiation to a printing material or impression-transfer material	
M	B41J2/44	2	using single radiation source {per colour}, e.g. lighting beams or shutter arrangements (B41J2/475 takes precedence)	
M	B41J2/442	3	{using lasers}	
M	B41J2/465	2	using masks, e.g. light-switching masks	
M	B41J2/52	1	Arrangement for printing a discrete number of tones, not covered by group B41J2/205, e.g. applicable to two or more kinds of printing or marking process (B41J2/525 takes precedence)	
M	B41J2/525	1	Arrangement for multi-colour printing, not covered by group B41J2/21, e.g. applicable	

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			to two or more kinds of printing or marking process	
M	B41J3/00	0	Typewriters or selective printing or marking mechanisms characterised by the purpose for which they are constructed	
M	B41J3/28	1	for printing downwardly on flat surfaces, e.g. of books, drawings, boxes {, envelopes, e.g. flat-bed ink-jet printers }	
M	B41J3/38	1	for embossing, e.g. for making matrices for stereotypes	
M	B41J3/39	2	hand-held	
M	B41J3/407	1	for marking on special material {(apparatus or processes for manufacturing printed circuits by printing or dispensing a conductive paste or ink H05K3/1241)}	
M	B41J3/44	1	Typewriters or selective printing mechanisms having dual functions or combined with, or coupled to, apparatus performing other functions	
M	B41J3/50	2	Mechanisms producing characters by printing and also producing a record by other means {, e.g. printer combined with RFID writer }	
M	B41J3/51	3	the printed and recorded information being identical; using type elements with code-generating means	
M	B41J3/62	1	for printing on two or more separate sheets or strips of printing material {being conveyed simultaneously to or through the printing zone } (B41J3/54 takes precedence)	
M	B41J5/00	0	Devices or arrangements for controlling character selection (methods or arrangements for sensing record carriers G06K7/00)	
M	B41J11/00	0	Devices or arrangements {of selective printing mechanisms, e.g. ink-jet printers or thermal printers, } for supporting or handling copy material in sheet or web form (script supports connected to the typewriter or printer B41J29/15)	
M	B41J11/005	2	{Guides in the printing zone, e.g. guides for preventing contact of conveyed sheets with printhead }	
M	B41J11/007	1	{Conveyor belts or like feeding devices }	
M	B41J11/06	2	Flat page-size platens {or smaller flat platens having a greater size than line-size platens (B41J11/0085 takes precedence)}	
M	B41J11/14	2	Platen-shift mechanisms; Driving gear therefor	

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M	B41J11/20	1	Platen adjustments for varying the strength of impression, for a varying number of papers, for wear or for alignment {, or for print gap adjustment }	
M	B41J11/22	1	Paper-carriage guides or races	
M	B41J11/42	2	Controlling {printing material conveyance for accurate alignment of the printing material with the printhead; Print registering }	
M	B41J11/48	1	Apparatus for condensed record, tally strip, or like work using two or more papers, or sets of papers {, e.g. devices for switching over from handling of copy material in sheet form to handling of copy material in continuous form and <u>vice versa</u> or point-of-sale printers comprising means for printing on continuous copy material, e.g. journal for tills, and on single sheets, e.g. cheques or receipts (B41J 15/042 takes precedence)}	
M	B41J11/50	2	in which two or more papers or sets are separately fed in the same direction towards the printing position	
M	B41J11/51	3	with different feed rates	
M	B41J11/56	1	specially constructed to facilitate storage or transport of typewriter	
M	B41J11/58	1	Supply holders for sheets or fan-folded webs, e.g. shelves, tables, scrolls, pile holders	
M	B41J11/66	1	Applications of cutting devices	
M	B41J13/00	0	Devices or arrangements {of selective printing mechanisms, e.g. ink-jet printers or thermal printers, } specially adapted for supporting or handling copy material in short lengths, e.g. sheets	
M	B41J13/02	1	Rollers (roller platens B41J11/04)	
M	B41J13/08	1	{Conveyor} bands or like feeding devices	
M	B41J13/12	2	specially adapted for {small} cards, envelopes, or the like {, e.g. credit cards, cut visiting cards }	
M	B41J13/26	1	Registering devices	
M	B41J15/00	0	Devices or arrangements {of selective printing mechanisms, e.g. ink-jet printers or thermal printers, } specially adapted for supporting or handling copy material in continuous form, e.g. webs	
M	B41J15/20	2	for webs superimposed during printing	
M	B41J19/00	0	Character- or line-spacing mechanisms {(superimposed movements for serial printing B41J 25/005)}	

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M	B41J21/00	0	Column, tabular or like printing arrangements; Means for centralising short lines (carriage-release mechanisms B41J19/66)	
M	B41J23/00	0	Power drives for actions or mechanisms (B41J9/00 {, B41J19/305} take precedence)	
M	B41J25/22	1	for aligning characters for impression	
M	B41J25/24	1	Case-shift mechanisms; Fount-change arrangements	
M	B41J25/304	1	Bodily-movable mechanisms for print heads or carriages movable towards or from paper surface {(line print heads movable towards a cleaning unit B41J 2/16588)}	
M	B41J25/308	2	with print gap adjustment mechanisms	
M	B41J25/34	1	Bodily-changeable print heads or carriages	
M	B41J29/10	1	Sound-deadening devices embodied in machines	
M	B41J29/15	1	Script supports connected to the typewriter or printer	
M	B41J29/18	1	Mechanisms for rendering the print visible to the operator	
M	B41J29/36	2	for cancelling or correcting errors by overprinting	
M	B41J29/46	1	Applications of alarms, e.g. responsive to approach of end of line	
M	B41J31/00	0	Ink ribbons; Renovating or testing ink ribbons	
M	B41J33/54	2	for ensuring maximum life of the ribbon (B41J33/38 takes precedence)	
M	B41J35/12	3	adjustable, e.g. for case shift	
M	B41J35/16	1	Multicolour arrangements	

*N= new entries where reclassification into entries is involved; C= entries with modified file scope where reclassification of documents from the entries is involved; Q= new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; T= existing entries with enlarged file scope, which receive documents from C or D entries, e.g. when a limiting reference is removed from the entry title; M= entries with no change to the file scope (no reclassification); D= deleted entries; F= frozen entries will be deleted once reclassification of documents from the entries is completed; U= entries that are unchanged.

NOTES:

- **No { curly brackets } are used for titles in CPC only subclasses, e.g. C12Y, A23Y; 2000 series symbol titles of groups found at the end of schemes (orthogonal codes); or the Y section titles. The { curly brackets } are used for 2000 series symbol titles found interspersed throughout the main trunk schemes (breakdown codes).
- U groups: it is obligatory to display the required "anchor" symbol (U group), i.e. the entry immediately preceding a new group or an array of new groups to be created (in case new groups are not clearly subgroups of C-type groups). Always include the symbol, indent level and title of the U group in the table above.

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- All entry types should be included in the scheme changes table above for better understanding of the overall scheme change picture. Symbol, indent level, and title are required for all types.
- “Transferred to” column must be completed for all C, D, F, and Q type entries. F groups will be deleted once reclassification is completed.
- When multiple symbols are included in the “Transferred to” column, avoid using ranges of symbols in order to be as precise as possible.
- For administrative transfer of documents, the following text should be used: “<administrative transfer to XX>”, “<administrative transfer to XX and YY simultaneously>”, or “<administrative transfer to XX, YY, ...and ZZ simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be “additional information”.
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations “ADD” or “INV”: <administrative transfer to XX ADD>, <administrative transfer to XX INV>, or <administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the “D” entries of 2000-series or Y-series groups may not require a destination (“Transferred to”) symbol, however it is required to specify “<no transfer>” in the “Transferred to” column for such cases.
- For finalization projects, the deleted “F” symbols should have <no transfer> in the “Transferred to” column.
- For more details about the types of scheme change, see CPC Guide.

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

SUBCLASS B41J - TYPEWRITERS; SELECTIVE PRINTING MECHANISMS, i.e. MECHANISMS PRINTING OTHERWISE THAN FROM A FORME; CORRECTION OF TYPOGRAPHICAL ERRORS

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning</u>
M	B41J	In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.	{In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.}

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

NOTE: The "Location" column only requires the symbol PRIOR to the location of the warning. No further directions such as "before" or "after" are required.

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C. New, Modified or Deleted Note(s)

SUBCLASS B41J - TYPEWRITERS; SELECTIVE PRINTING MECHANISMS, i.e. MECHANISMS PRINTING OTHERWISE THAN FROM A FORME; CORRECTION OF TYPOGRAPHICAL ERRORS

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
M	B41J	<p>1. This subclass <u>covers</u>:</p> <ul style="list-style-type: none"> • manually controlled power-operated apparatus or apparatus of this type with additional control by input of recorded information, e.g. on punched cards or tapes; • the "print-out" features of apparatus controlled by record carriers or electric signals in so far as these are of general interest, e.g. impression, inking, line-spacing mechanisms, printing heads. <p>2. This subclass <u>does not cover</u>:</p> <ul style="list-style-type: none"> • electrical features of apparatus controlled by record carriers or electric signals and of interest apart from the "print-out" features of said apparatus; • apparatus controlled by record carriers or electric signals, as a whole. <p>3. In this subclass, the following term is used with the meaning indicated:</p> <ul style="list-style-type: none"> • "paper" covers also similar flexible copy material; • "printing material" covers both paper and temporary record carriers from which records are transferred to a paper, but does not cover printing masters, e.g. formes. 	<p>1. This subclass <u>covers</u>:</p> <ul style="list-style-type: none"> • manually controlled power-operated apparatus or apparatus of this type with additional control by input of recorded information, e.g. on punched cards or tapes; • the "print-out" features of apparatus controlled by record carriers or electric signals in so far as these are of general interest, e.g. impression, inking, line-spacing mechanisms, printing heads. <p>2. This subclass <u>does not cover</u>:</p> <ul style="list-style-type: none"> • electrical features of apparatus controlled by record carriers or electric signals and of interest apart from the "print-out" features of said apparatus; • apparatus controlled by record carriers or electric signals, as a whole. <p>3. In this subclass, the following term is used with the meaning indicated:</p> <ul style="list-style-type: none"> • "paper covers also similar flexible copy material; • "printing material" covers both paper and temporary record carriers from which records are transferred to a paper, but does not cover printing masters, e.g. formes.

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

NOTE: The "Location" column only requires the symbol PRIOR to the location of the note. No further directions such as "before" or "after" are required.

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2. A. DEFINITIONS (new)

B41J 2/405

References

Informative references:

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

Electronic switching circuits in general	H03K 17/00
--	----------------------------

B41J 3/39

References

Informative references:

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

Manually-controlled or manually-operable label dispensers having printing equipment	B65C 11/02
---	----------------------------

B41J 17/24

References

Informative references:

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

Cores, formers, supports, or holders for coiled, wound, or folded material, e.g. reels, spindles, bobbins, cop tubes, cans	B65H 75/02
--	----------------------------

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B41J 25/304

References

Limiting References:

This place does not cover:

Line print heads movable towards a cleaning unit	B41J 2/16588
--	------------------------------

References out of a residual place:

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

Type carriers sliding for impression	B41J 1/36
Type carriers swinging for impression	B41J 1/40

B41J 29/10

References

References out of a residual place:

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

Sound-deadening or shock-absorbing devices or measures therein	B41J 19/04
--	----------------------------

B41J 29/16

References

Informative references:

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

Erasers, rubbers, or erasing devices; Holders therefor	B43L 19/00
--	----------------------------

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B41J 29/18

References

Informative references:

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

Ink-ribbon shifts	B41J 35/20
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B41J 29/36

References

References out of a residual place:

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

Ink ribbons characterised by areas carrying media for obliteration or removal of typing errors	B41J 31/09
--	----------------------------

B41J 29/46

References

Informative references:

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

Responsive to transfer-material breakage or exhaustion	B41J 17/36
Responsive to ink-ribbon breakage or exhaustion	B41J 35/36

2. A. DEFINITIONS (modified)

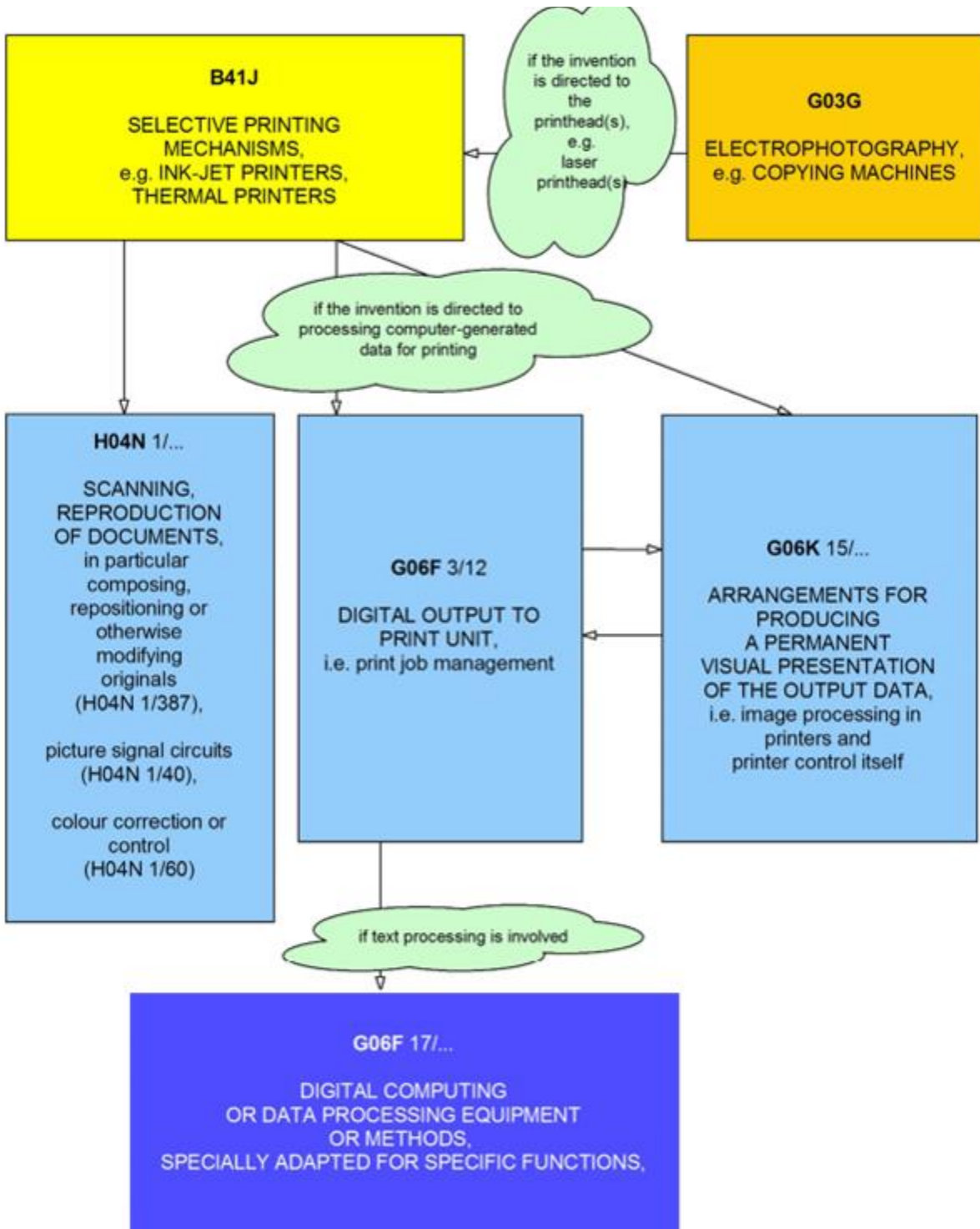
B41J

Relationships with other classification places

Replace: The existing image and text with the updated image and text below.

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The preceding image includes references to B41J, G03G, H04N 1/00, H04N 1/387, H04N 1/40, H04N 1/60, G06F 3/12, G06F 17/00 and G06K 15/00.

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ReferencesDelete: The Limiting references section and table.Insert: The following Application-oriented references section and table.**Application-oriented references**

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

Machines for printing and issuing tickets	G07B 1/00
---	-----------

Insert: The following Informative references section and table.**Informative references**

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

Shaping of 3D-objects by means of liquid-jetting	B29C 64/112
Composing	B41B
Printing presses	B41F
Stamps or stamping	B41K
Erasers, rubbers or erasing devices	B43L 19/00
Fluid media for correction of typographical errors by coating	C09D 10/00
Recording the results of measuring	G01
Recognition or presentation of data, marking record carriers in digital fashion, e.g. by punching	G06K
Processing computer-generated data for printing or electrical features of apparatus controlled by record carriers or electric signals and of interest apart from the "print-out" features of said apparatus	G06K 15/00 or G06F 3/12
Franking or ticket-printing and issuing apparatus	G07B
Electric keyboard switches, in general	H01H 13/70, H03K 17/94

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Coding in connection with keyboards or like devices, in general	H03M 11/00
Receivers or transmitters for transmission of digital information	H04L
Transmission or reproduction of documents, or the like, e.g. facsimile transmission	H04N 1/00
Conversion of picture/colour signals for printing	H04N 1/00

B41J 1/00**References**

Delete: The Limiting references section and table.

Insert: The following Informative references section and table.

Informative references

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

Dot-marking printers as ink-jet printers, dot-matrix printers, laser printers	B41J 2/00
---	---------------------------

B41J1/24**References****Limiting references**

Delete: The following row from the Limiting references table.

Details of the carriers, font change and interchangeable carriers	B41J 25/24
---	----------------------------

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Insert: The following Informative references section and table.

Informative references

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

Details of the carriers, font change and interchangeable carriers	B41J 25/24
---	----------------------------

B41J 2/00

Definition statement

Replace: The existing Definition statement with the updated one below.

Bringing liquid or particles selectively onto a printing material, either by jetting or through contact. In particular, the sub-groups contain inkjet printers and thermal printers. It covers the structure of the apparatuses used for bringing liquid or particles selectively onto a printing material, their driving/controlling methods and the methods to manufacture them.

References

Limiting references

Replace: The existing Limiting references table with the updated one below.

Mounting, arrangement, or disposition of types or dies	B41J 1/00
--	---------------------------

Insert: The following Informative references section and table.

Informative references

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

Marking methods	B41M 5/00
-----------------	---------------------------

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B41J2/125

References

Limiting references

Delete: The following row from the Limiting references table.

During manufacture or detection by means of print head drive signal response	B41J 2/045
--	----------------------------

Insert: The new Informative references section and table.

Informative references

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

During manufacture or detection by means of print head drive signal response	B41J 2/045
--	----------------------------

B41J2/14

Definition statement

Delete: The last sentence of the Definition statement: "See also B41J 2/04."

References:

Delete: The Limiting references section and table.

Informative references:

Insert: The following new row into the Informative references table.

Heads in which an electric field causes the ejection of ink directly, thus without involvement of a membrane	B41J 2/06
--	---------------------------

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B41J 2/165**Relationships with other classification places**Delete: The Relationships with other classification places section and text.**References**Delete: The Limiting references section and table.Insert: The following Informative references section and table.**Informative references***Attention is drawn to the following places, which may be of interest for search:*

Conditioning of ink supply systems/circuits	B41J 2/1707 , B41J 2/1714
Detection of defective nozzles for compensation of them by well-functioning nozzles	B41J 2/2142
Cleaning of other parts than nozzles or ink supply systems of an ink jet printer	B41J 29/17
For powder toner printers	G03G

B41J 2/205**References:****Limiting references:**Insert: The following new row to the Limiting references table.

For multi-colour printing	B41J 2/21
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B41J 2/21

References:

Delete: The Limiting references section and table.

Insert: The following Informative references section and table.

Informative references

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

Print resolution change	B41J 2/505
Print resolution change by print head rotation	B41J 25/003
Conversion of colour signals	H04N
Colour registering	H04N

B41J 2/32

References

Delete: The Limiting references section and table.

B41J 2/385

References

Limiting references

Replace: The existing Limiting references table with the updated one below.

Characterised by bringing liquid or particles selectively into contact with a printing material	B41J 2/005
---	----------------------------

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Insert: The following Informative references section and table.

Informative references

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

Electrography, magnetography	G03G
Copying machine subjects other than the print head	G03G 15/00

B41J 2/435

References

Delete: The Limiting references section and table.

Insert: The following Informative references section and table.

Informative references

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

Ablation writing by laser on work pieces	B23K 26/0665
Optical elements, systems, or apparatus	G02B
Modulation or deflection of light	G02F
Electrophotography	G03G
Using a test patch for electrographic printers	G03G 15/5058

Delete: The Special rules of classification section and text.

B41J 2/442

References

Delete: The Limiting references section and table.

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Insert: The following Informative references section and table.

Informative references

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

Working material by laser beam in general	B23K 26/00
Ablative marking methods and sheet materials for use therein	B41M 5/24

B41J 2/465

Definition statement

Replace: The term “focussing” with the corrected term “focusing” in the last line of the Definition statement.

Light slits for focusing light beams.

References

Delete: The Limiting references section and table.

Insert: The following Informative references section and table.

Informative references

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

Photographic composing	B41B
------------------------	------

B41J 2/52

References

Limiting references

Replace: The existing Limiting references table with the updated one below.

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Arrangement for multi-color printing, not covered by group B41J 2/21, e.g. applicable to two or more kinds of printing or marking process	B41J 2/525
---	------------

Insert: A new Informative references section and table as shown below.

Informative references

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

Ink jet	B41J 2/205, B41J 2/21
For photomechanical production	G03F 5/00
Gradual grey tones	H04N

B41J 2/525

References

Delete: The Limiting references section and table.

Insert: The following Informative references section and table.

Informative references

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

Ink jet printers	B41J 2/21
For photomechanical production	G03F 3/00
Colour printing in general	H04N

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B41J 3/00

Definition statement

Replace: The existing Definition statement with the updated one below.

In particular bar code printers, flat-bed ink-jet printers, ink-jet printers for printing on bank books, passports or the like, portable printers, hand-held printers, stamp-type ink-jet printers, printers for printing on CDs or DVDs, ink-jet printers for printing on three-dimensional objects, label printers, ink-jet printers for printing on textile, printers for printing on the front and on the back of sheets or continuous material.

References

Delete: The Limiting references section and table.

Insert: The following Informative references section and table.

Informative references

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

Cryptographic typewriters	G09C 3/00
---------------------------	---------------------------

B41J 3/28

References

Delete: The Limiting references section and table.

Insert: The following NEW rows in the Informative references table.

Informative references

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

Selective printing mechanisms for portability	B41J 3/36
---	---------------------------

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Selective printing mechanisms for marking on special material	B41J 3/407
Selective printing mechanisms for printing on disk-shaped media, e.g. CDs	B41J 3/4071
Selective printing mechanisms for printing on three-dimensional objects	B41J 3/4073
Tape printers; Label printers	B41J 3/4075
Selective printing mechanisms for printing on rewritable, bistable "electronic paper" by a focused electric or magnetic field	B41J 3/4076
Selective printing mechanisms for printing on textile	B41J 3/4078

[B41J 3/407](#)

References

Insert: New Limiting references section and table.

Limiting references

This place does not cover:

Apparatus or processes for manufacturing printed circuits by printing or dispensing a conductive paste or ink	H05K 3/1241
---	-----------------------------

Informative references

Delete: The following row from the Informative references table.

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Apparatus or processes for manufacturing printed circuits by ink jet printing	H05K 3/125
---	----------------------------

B41J 3/50

Delete: The Informative references section and table.

B41J 3/62

References

Limiting references

Replace: The existing Limiting references table with the updated one below.

Selective printing mechanisms with two or more sets or types of printing elements	B41J 3/54
---	---------------------------

Insert: New Informative references section and table.

Informative references

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

Multiple web-feeding apparatus	B41J 15/18
Multiple web-feeding apparatus for webs superimposed during printing	B41J 15/20
Multiple web-feeding apparatus for feeding webs in separate paths during printing	B41J 15/22
Multiple web-feeding apparatus with means for registering the webs with each other	B41J 15/24

B41J5/00

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References

Limiting references

Delete: The following row from the Limiting references table.

Interpreting	G06K 3/00
--------------	-----------

Insert: New Informative references section and table.

Informative references

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

Interpreting	G06K 3/00
--------------	-----------

B41J 5/08

References:

Delete: The Limiting references section and table.

Insert: The following Informative references section and table.

Informative references

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

Keyboards not for type-writers	G06F 3/02
--------------------------------	-----------

B41J 11/00

References

Delete: The Informative references section and table.

Limiting references

Replace: The existing Limiting references table with the updated one below.

Script supports connected to the typewriter or printer	B41J 29/15
--	------------

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Insert: New Application-oriented references section and table.

Application-oriented references

Devices or arrangements specially adapted for supporting or handling copy material in short lengths, e.g. sheets	B41J 13/00
Devices or arrangements specially adapted for supporting or handling copy material in continuous form, e.g. webs	B41J 15/00

B41J 11/007

References

Insert: New Application-oriented references section and table.

Application-oriented references

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

Conveyor belts specially adapted for handling sheets	B41J 13/08
Conveyor belts specially adapted for handling copy material in continuous form	B41J 15/048

Informative references

Replace: The existing Informative references table with the updated one below.

Conveyor belts in general	B65G 15/00
Separating articles from piles using endless belts	B65H 3/04
Feeding articles by belts	B65H 5/02

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B41J 11/053

References

Delete: The Informative references section and table.

Insert: The following Limiting references section and table.

Limiting references

This place does not cover:

Structure of platen surface	B41J 11/057
-----------------------------	-----------------------------

B41J 11/14

References

Delete: The Limiting references section and table.

Insert: The following Informative references section and table.

Informative references

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

Platen adjustments for varying the strength of impression, for a varying number of papers, for wear or for alignment	B41J 11/20
--	----------------------------

B41J 11/48

References

Insert: New Limiting references section and table.

Limiting references

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This place does not cover:

Supporting or feeding devices for loading rolled-up continuous copy material into printers, e.g. for replacing a used-up paper roll; Point-of-sale printers with openable casings allowing access to the rolled-up continuous copy material	B41J 15/042
---	-----------------------------

Informative references:

Delete: The following row from the Informative references table:

Supporting or feeding devices for loading rolled-up continuous copy material into printers, e.g. for replacing a used-up paper roll; Point-of-sale printers with openable casings allowing access to the rolled-up continuous copy material	B41J 15/042
---	-----------------------------

B41J11/56

References:

Delete: The Limiting references section and table.

Insert: The following Informative references section and table.

Informative references

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

Selective printing mechanisms for portability	B41J 3/36
---	---------------------------

B41J11/66

Delete: The Relationships with other classification places section and text.

Insert: The following Informative references section and table.

Informative references

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

Cutting tools in general, independent from the field where the cutting tools are used	B26D 1/00
---	-----------

B41J13/02

References

Insert: New Limiting references section and table.

Limiting references

This place does not cover:

Roller platens	B41J 11/04
----------------	------------

Informative references

Delete: The following row from the Informative references table

Roller platens	B41J 11/04
----------------	------------

B41J 15/20

References

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

Informative references

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

Machines for separating superposed webs	B65H 41/00
---	------------

B41J 17/00

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References

Replace: The existing Limiting references table with the updated table below.

Limiting references

This place does not cover:

In manifolding devices	B41L
------------------------	------

Insert: New Informative references section and table.

Informative references

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

Sheet material for duplicating or marking	B41M 5/00
---	-----------

B41J 17/36

References

Delete: The Limiting references section and table.

Insert: The following Informative references section and table.

Informative references

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

For colour ribbons	B41J 35/18
For ribbons	B41J 35/36

B41J 19/00

Definition statement

Insert: A period at the end of the SECOND bullet point.

References

Insert: The Limiting references section and table.

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Replace: The Informative references table with the updated one below.

Limiting references

This place does not cover:

Superimposed movements for serial printing	B41J 25/005
--	-----------------------------

Informative references

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

Key actions	B41J 25/02
-------------	----------------------------

B41J 19/14

References

Delete: The Limiting references section and table.

Insert: The following Informative references section and table.

Informative references

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

X,Y-printers with a print head movable in X- and Y-direction	B41J 11/00
--	----------------------------

B41J 19/20

References:

Replace: The existing Limiting references table with the updated one below.

Replace: The existing Informative references table with the updated one below.

Limiting references

This place does not cover:

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Typewriters controlled by escapements	B41J 19/52
---------------------------------------	------------

Informative references

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

Print head movement in slow-scan direction parallel to the rotating axis of a drum or belt	B41J 19/16
Lead-screws in general	F16H
Motors and control for carriage movement in general	H02P, H02K

B41J 19/76**References**

Replace: The existing Limiting references table with the updated one below.

Insert: New Informative references section and table.

Limiting references

This place does not cover:

Special line-feeds, e.g. long feeds	B41J 11/36
-------------------------------------	------------

Informative references

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

Paper transport other than for type-writers	B41J 11/00, B41J 13/00, B41J 15/00
---	--

B41J 21/00**References**

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Replace: The existing Limiting references table with the updated one below.

Insert: New Informative references section and table.

Limiting references

This place does not cover:

Carrier-release mechanisms therefor	B41J 19/66
-------------------------------------	----------------------------

Informative references:

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

Tabulating	B41J 25/18
------------	----------------------------

B41J 23/00

References

Replace: The following row in the Limiting references table with the updated one below.

Insert: New Informative references section and table.

Limiting references

This place does not cover:

Linear motors	B41J 19/305
---------------	-----------------------------

Informative references

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

Dot printers	B41J 23/02, B41J 23/025
--------------	--

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Delete: The Special rules of classification section and text.

B41J25/02

Delete: The Special rules of classification section and text.

B41J 25/22

References

Insert: The Informative references section and table.

Informative references

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

In machines using index setting	B41J 5/02
---------------------------------	---------------------------

B41J 25/24

References

Delete: The Limiting references section and table.

Insert: The following References out of residual place section and table.

Insert: The following Informative references section and table.

References out of residual place

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

Platen-shift mechanisms; Driving gear therefor	B41J 11/14
--	----------------------------

Informative references

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

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Key actions	B41J 25/08
-------------	----------------------------

B41J25/308**References:**

Delete: The Limiting references section and table.

Insert: The following References out of residual place section and table.

References out of residual place

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

By platen movement	B41J 11/20
--------------------	----------------------------

Glossary of terms

Replace: The Glossary of terms table with the updated table below.

Print gap	Distance between print head nozzle plate and print medium
Guide shaft/rod/bar/rails	Guiding means supporting and guiding a reciprocating print head carriage
Print/printing medium/media	Material to be printed, e.g. a sheet of paper
Carriage/carrier	Print head holder which is movable over the width of a print medium
Platen	Surface supporting the print medium, e.g. flat surface or a rotating drum

B41J 25/312

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References

Delete: The Limiting references section and table.

Insert: The following References out of residual place section and table.

References out of residual place

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

By platen movement	B41J 11/20
--------------------	----------------------------

B41J 25/316

References:

Delete: The Limiting references section and table.

Insert: The following Informative references section and table.

Informative references

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

Mounting in general	B41J 25/304
---------------------	-----------------------------

B41J 25/34

References

Delete: The Limiting references section and table.

Insert: The following References out of residual place section and table.

References out of residual place

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

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Typewriters or selective printing mechanisms with types or dies mounted on endless bands or the like	B41J 1/20
Typewriters or selective printing mechanisms with types or dies mounted on carriers rotatable for selection	B41J 1/22
Typewriters or selective printing mechanisms with types or dies on spherical, truncated-spherical, or like surfaces	B41J 1/60

B41J 27/00

References:

Delete: The Limiting references section and table.

Insert: The following Informative references section and table.

Informative references

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

Ink supply in ink-jet printers	B41J 2/175
Ink ribbons or devices to apply ink to them	B41J 31/00, B41J 32/00, B41J 33/00, B41J 35/00

B41J29/06

References:

Delete: The Limiting references section and table.

Insert: The following Informative references section and table.

Informative references

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

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Office furniture	A47B 21/00
------------------	------------

B41J 29/15

References

Delete: The Limiting references section and table.

Insert: The following Informative references section and table.

Informative references

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

Tables, desks, office furniture, in general	A47B
---	------

B41J 29/26

References

Delete: The Limiting references section and table.

Insert: The following Informative references section and table.

Informative references

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

Erasers, rubbers or erasing devices; Holders therefor	B43L 19/00
Correcting fluids, e.g. media for correction of typographical errors by coating	C09D 10/00

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B41J 29/393**References:**Delete: The Limiting references section and table.Insert: The following References out of residual place section and table.**References out of residual place***Examples of places in relation to which this place is residual:*

Nozzle failure detection	B41J2/16579 , B41J2/2142
Ink residue control	B41J 2/17566
Density or colour adjustment	B41J 2/2132
Print head/platen gap adjustment	B41J 25/308 , B41J 11/20
Using a test patch for electrographic printers	G03G 15/5058

B41J 31/00**References**Delete: The Limiting references section and table.Insert: The following Informative references section and table.**Informative references***Attention is drawn to the following places, which may be of interest for search:*

Page width ink ribbons	B41J 17/00
Sheet material for duplicating or marking	B41M 5/00
Storing webs or tapes, e.g. on reels	B65H 75/00
Coated or treated non-woven strips or sheets used as ink ribbons	D21H

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B41J32/00

References:

Delete: The Limiting references section and table.

Insert: The following NEW row in the Informative references table.

Informative references

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

For page width ink ribbons	B41J 17/32
----------------------------	----------------------------

B41J 33/00

Definition statement

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

In general, ribbon-sized impression transfer material. But in some cases, also page-width impression transfer material if B41J 17/00 does not provide an appropriate entry.

References

Insert: The following Informative references section and table.

Informative references

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

Ink-ribbon cartridges	B41J 32/00
-----------------------	----------------------------

B41J33/08

References:

Delete: The Limiting references section and table.

Insert: The following Informative references section and table.

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Informative references

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

Mechanisms permitting the selective use of a plurality of ink ribbons	B41J 35/22
---	----------------------------

B41J 33/54

References

Delete: The following row from the Limiting references table.

Insert: The Informative references section and table below.

Limiting references

This place does not cover:

By adjustment of vibrator mechanisms	B41J 35/14
--------------------------------------	----------------------------

Informative references

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

By adjustment of vibrator mechanisms	B41J 35/14
--------------------------------------	----------------------------

B41J 35/12

References

Delete: The Limiting references section and table.

Insert: The following Informative references section and table.

Informative references

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

Key actions	B41J 25/02
-------------	----------------------------

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B41J 35/16

References

Delete: The Limiting references section and table.

Insert: The following Informative references section and table.

Informative references

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

Vibrator mechanisms; Driving gear therefor	B41J 35/10
Colour picture communication systems	H04N 1/46

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2. B. DEFINITIONS QUICK FIX

<u>Symbol</u>	<u>Location of change</u> (e.g., section title)	<u>Existing reference symbol</u> <u>or text</u>	<u>Action; New symbol; New text</u>
B41J3/51	Definition		Delete 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.