

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1675

DATE: JANUARY 1, 2025

PROJECT RP12290

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Symbols Deleted:	B29C	48/9125, 48/913
Titles Changed:	B29C	48/2883, 48/2886, 48/2888, 48/495, 48/914
DEFINITIONS:		
Definitions New:	B29C	48/2888, 48/875, 48/885, 48/89
Definitions Modified:	B29C	48/02, 48/266, 48/2883, 48/2886

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 B29C - SHAPING OR JOINING OF PLASTICS; SHAPING OF MATERIAL IN A PLASTIC STATE, NOT OTHERWISE PROVIDED FOR; AFTER-TREATMENT OF THE SHAPED PRODUCTS, e.g. REPAIRING (making preforms B29B 11/00; making laminated products by combining previously unconnected layers which become one product whose layers will remain together B32B 37/00 - B32B 41/00)

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title “CPC only” text should normally be enclosed in {curly brackets}**	Transferred to#
U	B29C 48/285	2	Feeding the extrusion material to the extruder	
U	B29C 48/288	3	{in solid form, e.g. powder or granules}	
M	B29C 48/2883	4	{of preformed parts, e.g. inserts, retaining their shape during the extrusion process}	
M	B29C 48/2886	4	{of fillers or of fibrous materials, e.g. short-fibre reinforcements}	
M	B29C 48/2888	4	{in thread form or in strip form, e.g. rubber strips}	
M	B29C 48/495	4	Feedblocks (extrusion moulding of multi-component articles B29C 48/16)	
U	B29C 48/88	2	Thermal treatment of the stream of extruded material, e.g. cooling	
U	B29C 48/885	3	External treatment, e.g. by using air rings for cooling tubular films	
U	B29C 48/89	3	Internal treatment, e.g. by applying an internal cooling fluid stream	
U	B29C 48/91	3	Heating, e.g. for cross linking	
U	B29C 48/9105	4	{of hollow articles}	
U	B29C 48/911	3	{Cooling}	
U	B29C 48/9115	4	{of hollow articles}	
U	B29C 48/912	5	{of tubular films}	
D	B29C 48/9125	6	{internally}	<administrative transfer to B29C 48/89 and B29C 48/912 simultaneously>
D	B29C 48/913	6	{externally}	<administrative transfer to B29C 48/885 and B29C 48/912 simultaneously>
U	B29C 48/9135	4	{of flat articles, e.g. using specially adapted supporting means}	
M	B29C 48/914	5	{Cooling drums}	

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*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.
- 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 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.

2. A. DEFINITIONS (new)

B29C48/2888

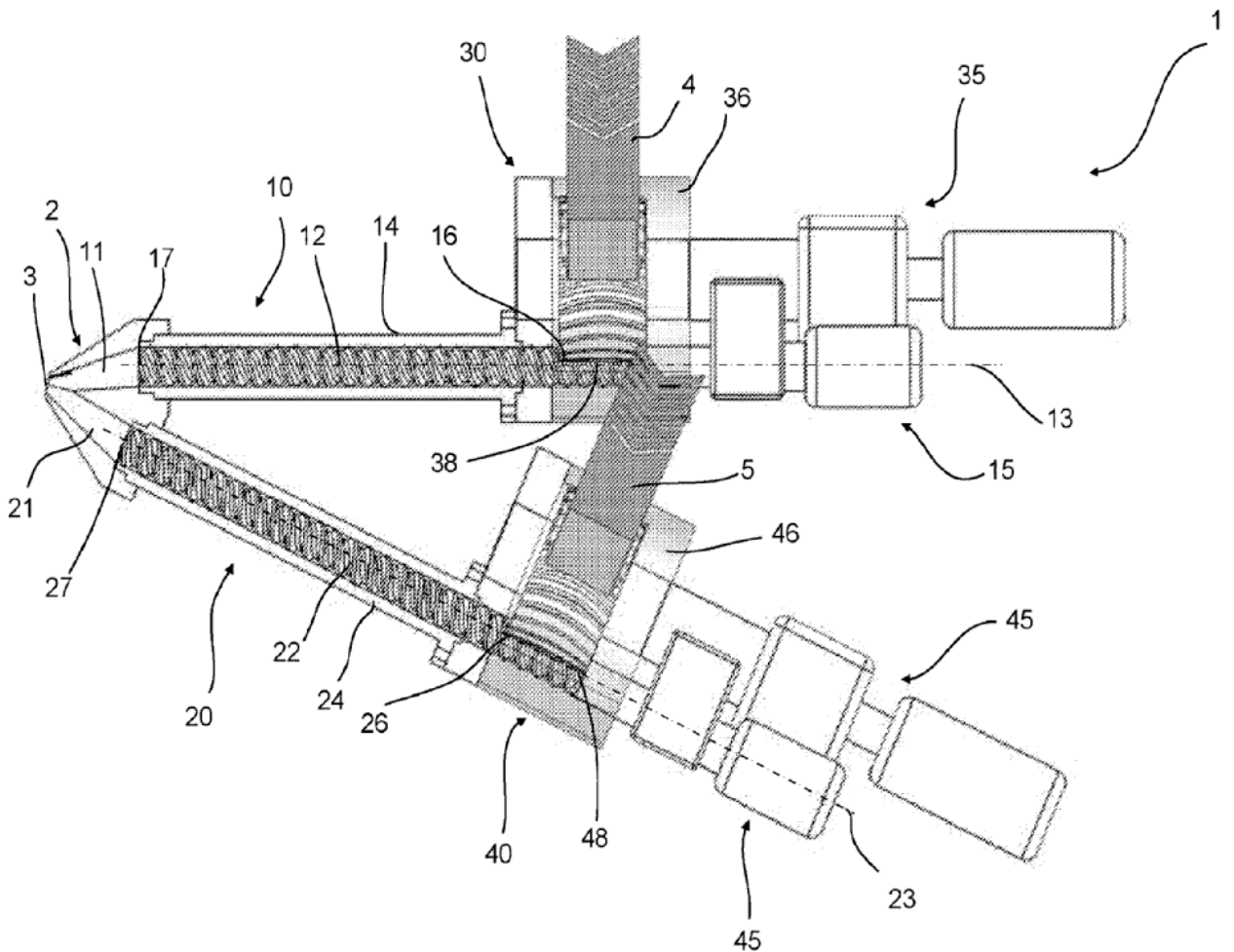
Definition statement

This place covers:

- Feeding the extrusion material to the extruder in strip form, e.g. feeding rubber strips to extruders for producing multicomponent tyre treads or sidewalls.
- Feeding the extrusion material to the extruder in thread form, e.g. feeding welding wires or rods to welding extruders.

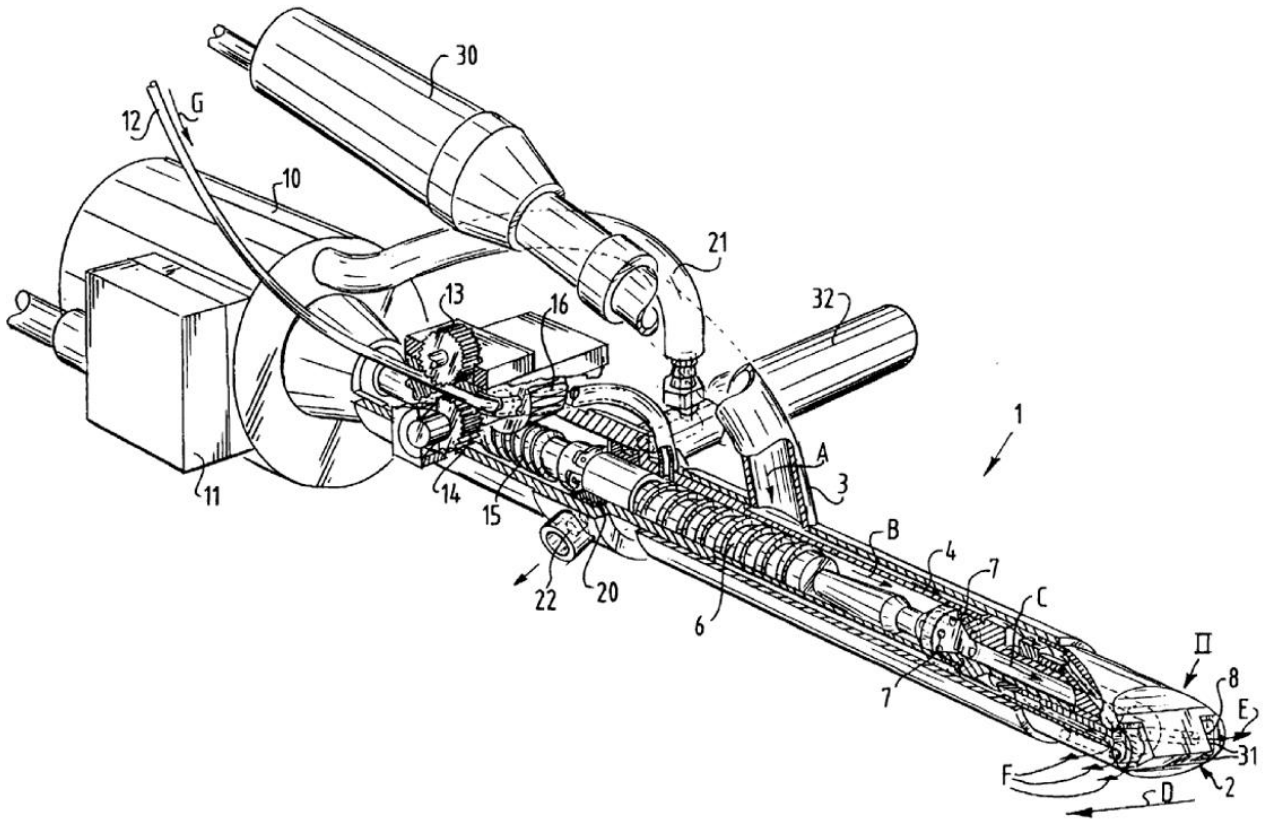
Illustrative examples of subject matter classified in this place:

1.



Strips (4, 5) are fed to extruders (10, 20) for producing a coextruded profiled element.

2.



Plastic wire (12) is fed to extruder (1).

B29C48/875

Definition statement

This place covers:

Thermal treatment of the extrusion moulding material or of preformed parts or layers to obtain a non-uniform temperature distribution.

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B29C48/885

Special rules of classification

External cooling of hollow articles is classified by allocating the CPC symbols [B29C48/885](#) and [B29C48/9115](#).

External cooling of tubular films is classified by allocating the CPC symbols [B29C48/885](#) and [B29C48/912](#).

B29C48/89

Special rules of classification

Internal cooling of hollow articles is classified by allocating the CPC symbols [B29C48/89](#) and [B29C48/9115](#).

Internal cooling of tubular films is classified by allocating the CPC symbols [B29C48/89](#) and [B29C48/912](#).

2. A. DEFINITIONS (modified)

B29C48/02

Definition statement

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

- Handheld extruders;
- Toy extruders;
- Laboratory extruders, e.g. extruders used for material testing or for making test specimens for testing material properties.

Illustrative examples of subject matter classified in this place:

1.

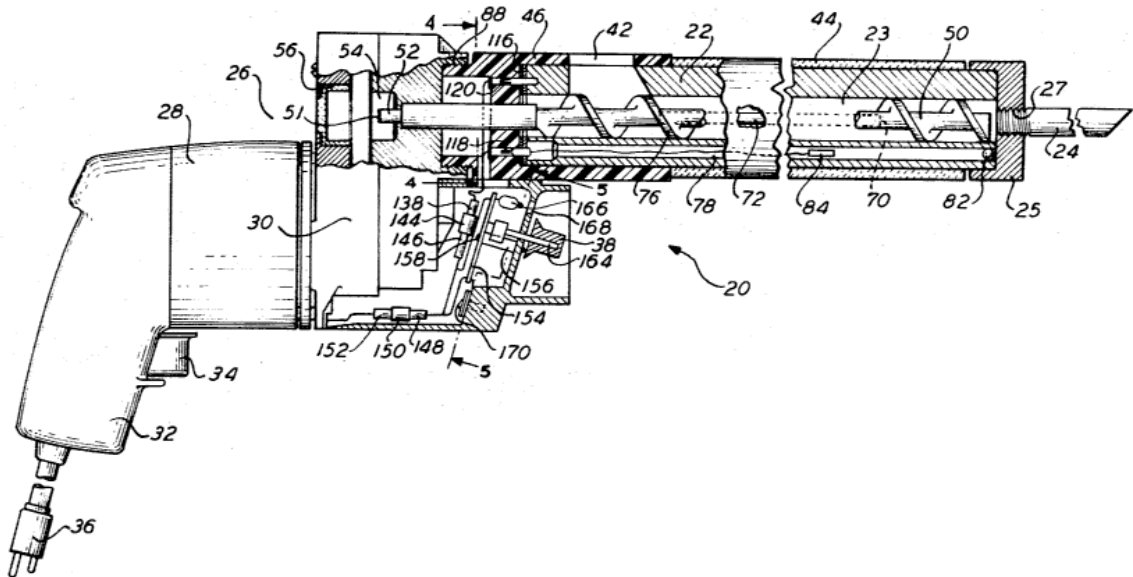


Figure 1 illustrates a handheld extruder.

2.

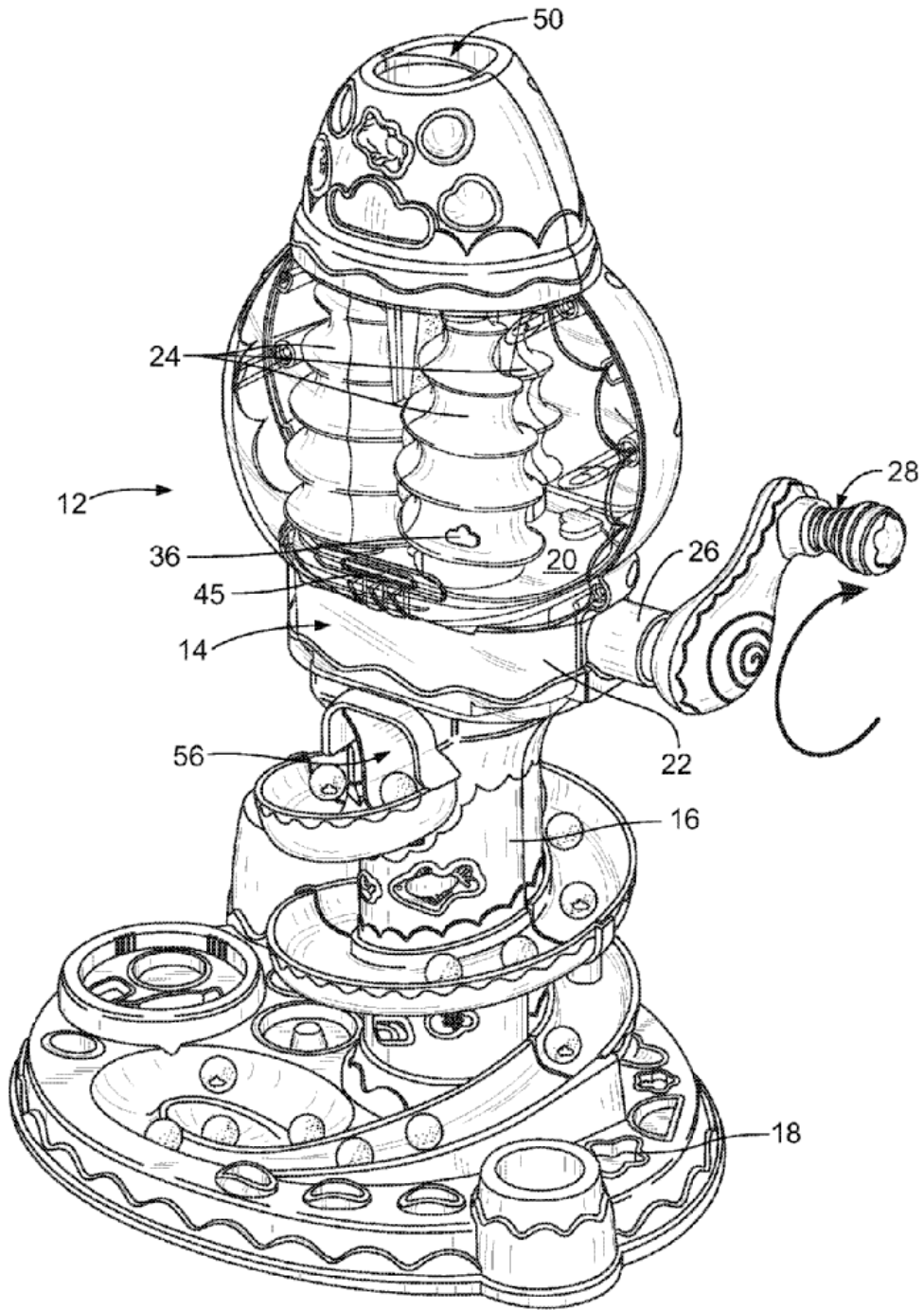


Figure 2 illustrates a toy extruder.

3.

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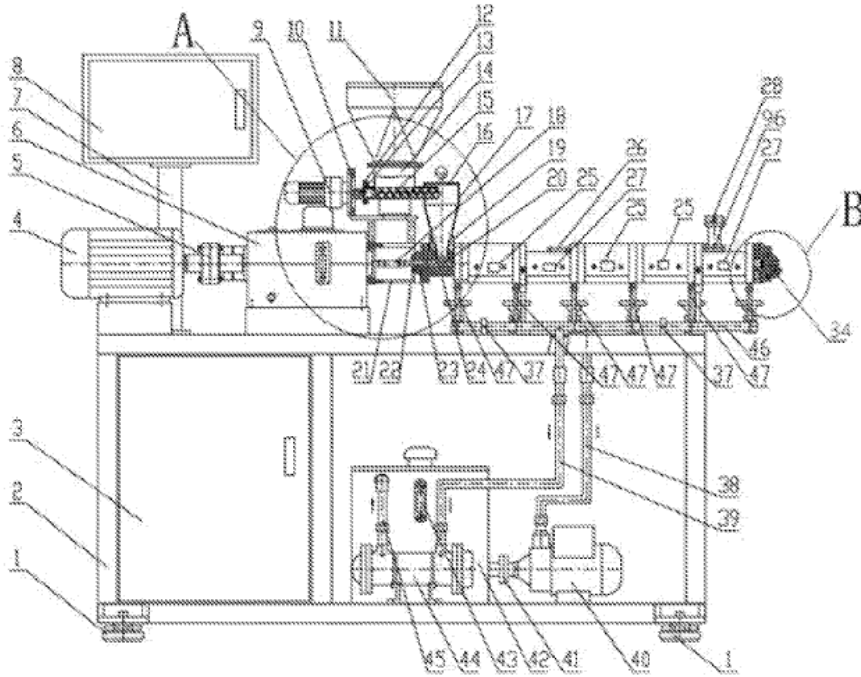


Figure 3 illustrates a laboratory extruder.

B29C48/266

Insert: The following new Definition statement.

Definition statement

Illustrative examples of subject matter classified in this place:

- 1.

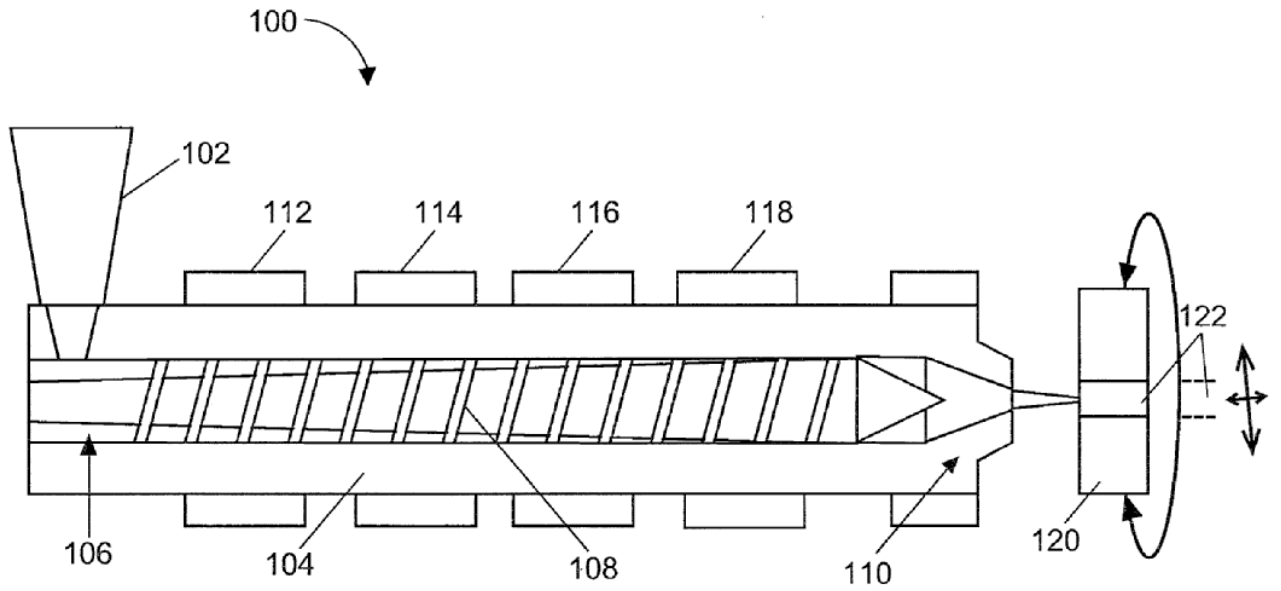
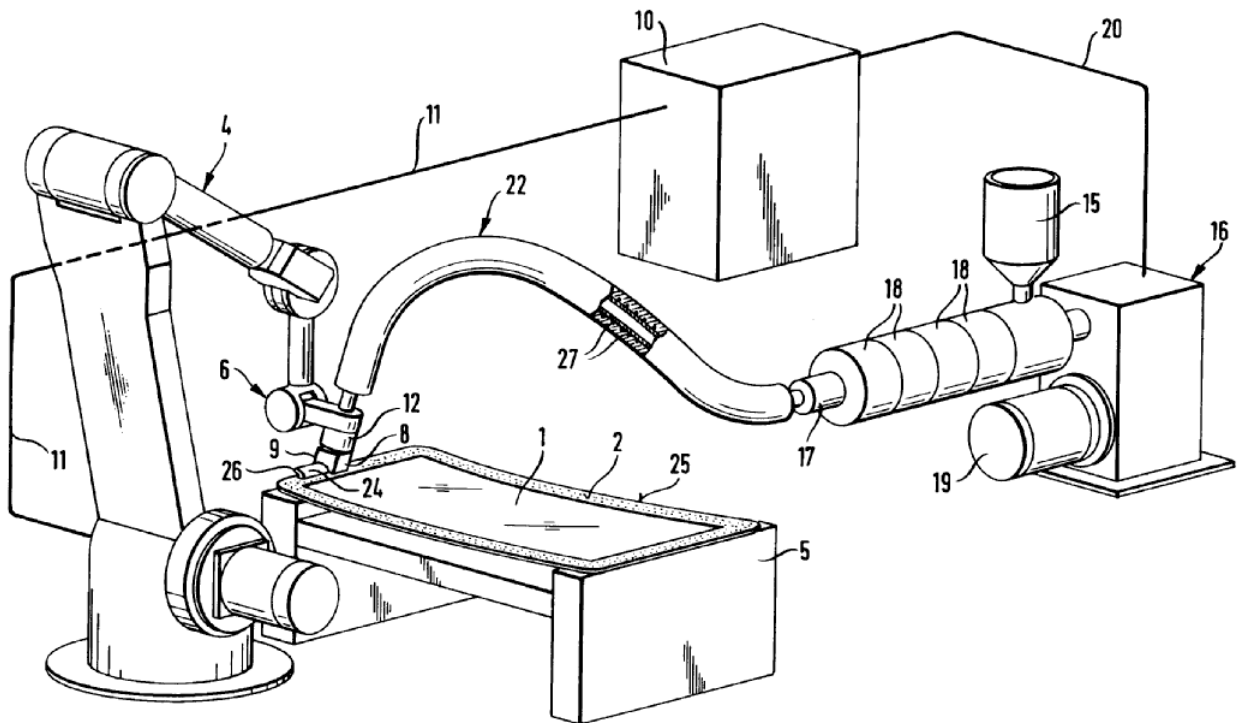


Figure 1 illustrates relative movement between die (120) and nozzle (110) for twisting the extruded article.

2.



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Figure 2 illustrates manipulation head (6) of robot (4), which moves extrusion nozzle (8) along edge of glass pane (1).

B29C48/2883

Insert: The following new Definition statement.

Definition statement

This place covers:

- Inserts fed and transported generally uninfluenced through the extruder, e.g. due to the high melting point of the insert material.
- Inserts fed directly to the die, e.g. for cable coating.

Insert: The following new Glossary of terms section.

Glossary of terms

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

preformed part	a part made of any material, being completely shaped to have a determined form and which is not used as a reinforcement, e.g. wires or nets forced only into the surface of an article
insert	a preformed part incorporated in an article during moulding

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B29C48/2886

References
Informative references

Delete: One of the words “containing” in the following row so that the new text appears as follows.

Moulding materials containing fillers	B29K 2105/16
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Insert: The following new Glossary of terms section.

Glossary of terms

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

filler	a relatively inert substance in the form of particles, powder, beads, flakes or spheres, which improves the physical properties or increases the bulk or weight of an article
fibrous reinforcement	a reinforcement in the form of fibres

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3. REVISION CONCORDANCE LIST (RCL)

<u>Type*</u>	<u>From CPC Symbol (existing)</u>	<u>To CPC Symbol(s)</u>
D	B29C 48/9125	<administrative transfer to B29C 48/89 and B29C 48/912 simultaneously>
D	B29C 48/913	<administrative transfer to B29C 48/885 and B29C 48/912 simultaneously>

* 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.

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

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
B29C 48/9125		DELETE
B29C 48/913		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 not 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.