

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 338

DATE: January 1, 2017

PROJECT MP0328

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
<b>New Definitions (no frozen (F) symbol definitions should deleted):</b>	H01F	41/06
	H01F	41/063
	H01F	41/066
	H01F	41/076
	H01F	41/077
	H01F	41/079

**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 Notice(s)
  - C. New, Modified or Deleted Note(s)
  - D. New, Modified or Deleted Guidance Heading(s)
2. DEFINITIONS (New or Modified)
  - A. DEFINITIONS (Full definition template)
  - B. DEFINITIONS (Definitions Quick Fix)
3.  REVISION CONCORDANCE LIST (RCL)
4.  CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)
5.  CROSS-REFERENCE LIST (CRL)

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## 2. A. DEFINITIONS (new)

### H01F41/06

Insert: The following new sections:

#### **Definition statement**

*This place covers:*

Processes or apparatus for manufacturing coils by winding.

#### **References**

##### **Informative references**

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

Winding or coil filamentary material	B65H54/00
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#### **Glossary of terms**

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

Former	Frame, e.g. composed of electrically insulating material, around which a coil is wound. Examples of former are bobbins, spools or winding supports
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## H01F41/063

Insert: The following new sections:

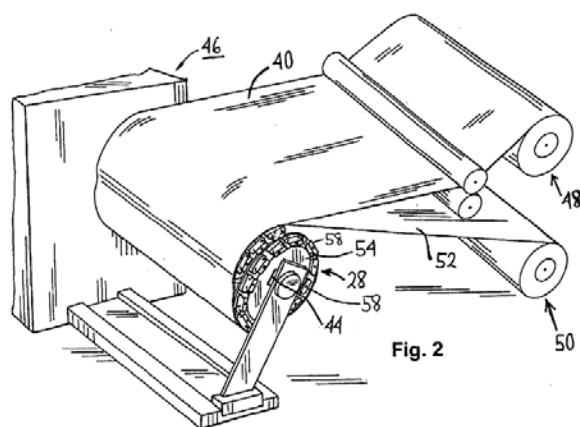
### Definition statement

*This place covers:*

Processes or apparatus for winding flat conductive wires or sheets with insulation.

To be classified here, the conductive wires or sheets and the insulation must initially be separate, and must be wound simultaneously.

The figure below is an example of material classified in this subgroup. In the figure, the conductive sheet 40 and the insulating sheet 52 are wound simultaneously to form an insulated coil.



### References

#### Informative references

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

Winding non-flat conductive wires with insulation	H01F41/066
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Insulation of windings	<a href="#">H01F5/06</a>
Insulating of coils, windings, or parts thereof	<a href="#">H01F27/32</a>
Insulation of windings	<a href="#">H01F41/12</a>

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## H01F41/066

Insert: The following new sections:

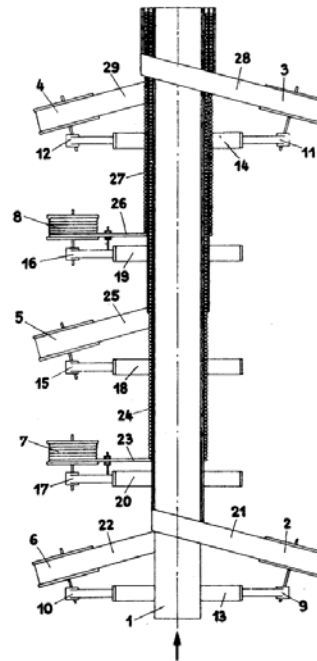
### Definition statement

*This place covers:*

Processes or apparatus for winding non-flat conductive wires with insulation.

To be classified here, the conductive wires or sheets and the insulation must initially be separate and must be wound simultaneously.

The figure below is an example of material classified in this subgroup. In the figure, for example, the conductive wire 24 and the insulation tapes 21 and 22 are wound simultaneously to form an insulated coil.



### References

#### Informative references

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

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Winding flat conductive wires or sheets with insulation	<a href="#">H01F41/063</a>
Insulation of windings	<a href="#">H01F5/06</a>
Insulating of coils, windings, or parts thereof	<a href="#">H01F27/32</a>
Insulation of windings	<a href="#">H01F41/12</a>

## H01F41/076

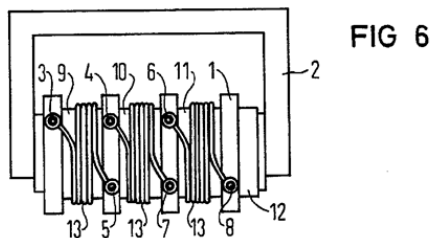
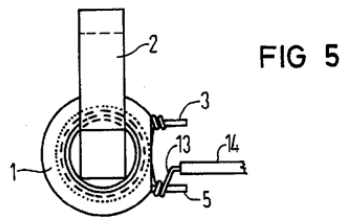
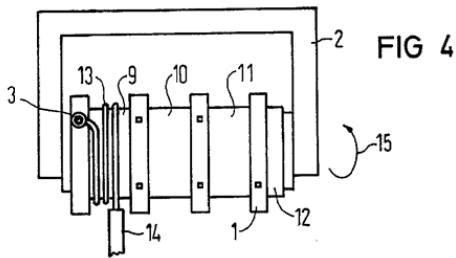
Insert: The following new section:

### Definition statement

*This place covers:*

Processes or apparatus for forming taps or terminals while, or in conjunction with winding.

The figure below is an example of material classified in this subgroup. In the figure, the first terminal 3 is wrapped, then the first section 9 of the bobbin 1 is wound. The wire is then wrapped around the second terminal 5. The terminal connections are thus formed in conjunction with the winding of the bobbin.



## H01F41/077

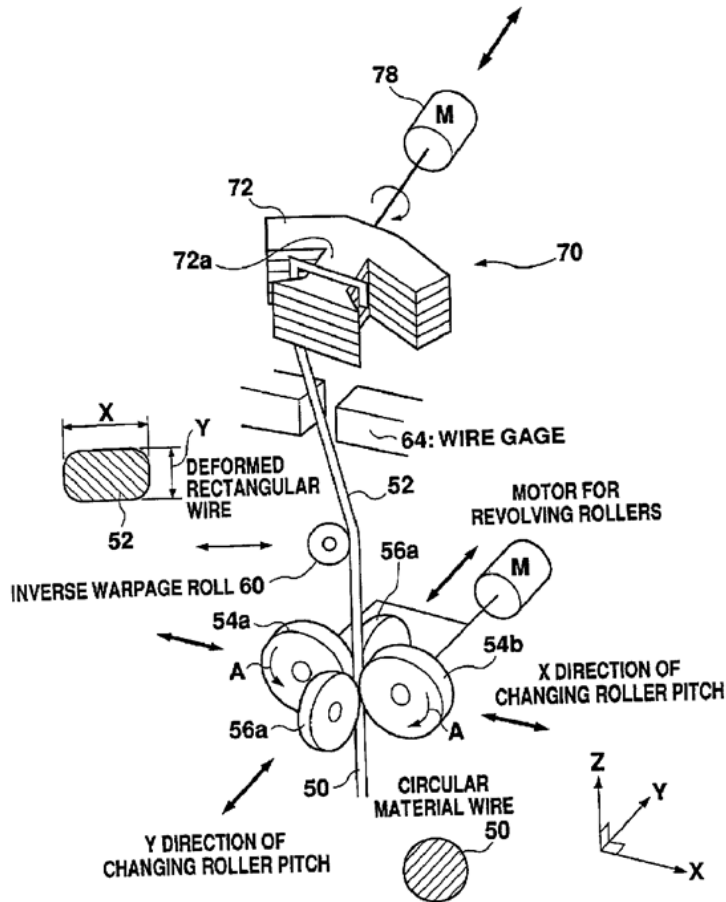
Insert: The following new section:

### Definition statement

*This place covers:*

Processes or apparatus for deforming the cross section or shape of the winding material in conjunction with winding.

The figure below is an example of material classified in this subgroup. In the figure, the circular material wire 50 is transformed into the deformed rectangular wire 52 just before winding.



**Fig. 13**



## H01F41/079

Insert: The following new section:

### Definition statement

*This place covers:*

Processes or apparatus for winding coils while measuring electrical characteristics, e.g. resistance, inductance or capacitance.

The figure below is an example of material classified in this subgroup. In the figure, the existence of an electrical short circuit is detected by measuring voltage during winding.

