

## B27C

**PLANING, DRILLING, MILLING, TURNING, OR UNIVERSAL MACHINES (machine tools in general B23; working wood using abrasive, e.g. sanding, devices B24; tools for these purposes B27G)**

### Definition statement

*This subclass/group covers:*

Planing, drilling, milling, turning (Wood-turning devices for reducing sticks of wood to a desired form by means of rotary or non-rotary cutters brought into engagement with the circumference of the continuously-rotating stick or by means of rotary or non-rotary cutters revolving circumferentially around and in engagement with the stick or that portion of the stick to be reduced), universal machines

### Informative references

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

Machine tools in general	<a href="#">B23</a>
Working wood using abrasive, e.g. sanding, devices	<a href="#">B24</a>
Tools for these purposes	<a href="#">B27G</a>

## B27C 1/00

**Machines for producing flat surfaces, e.g. by rotary cutters;  
Equipment therefor**

### Definition statement

*This subclass/group covers:*

knives or blades for planers and jointers

Woodworking machines used to produce a flat surface along a board's length (jointer or planer)

with rotating or non-rotating tools

with tools having a rotational vector which is perpendicular to the working surface

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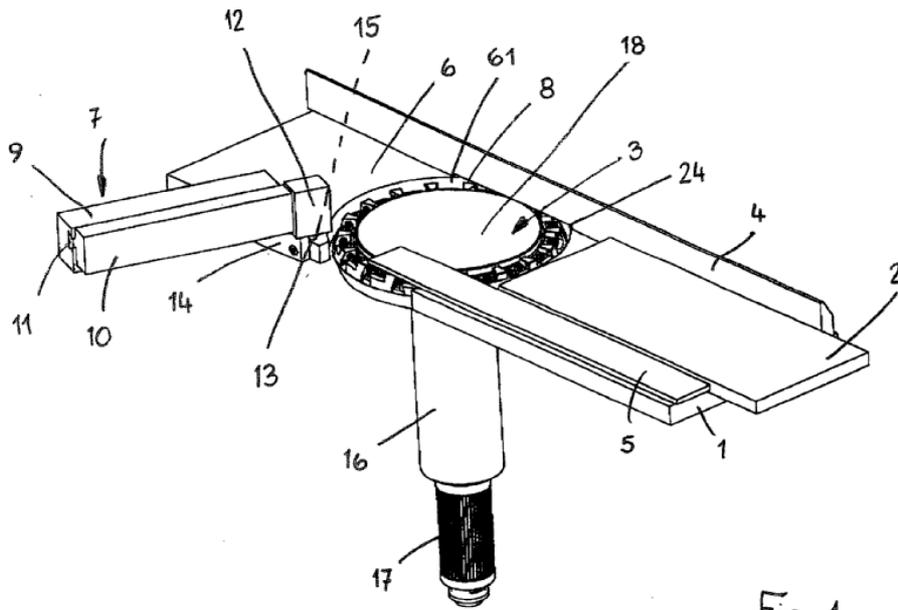


Fig. 1

- For cutting through a work-piece with a tool having a rotational vector which is parallel to the surfaces generated by cutting

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**D. H. PEDERSEN**  
 SCROLL CUTTING TOOL  
 Filed Dec. 28, 1953

**2,714,408**

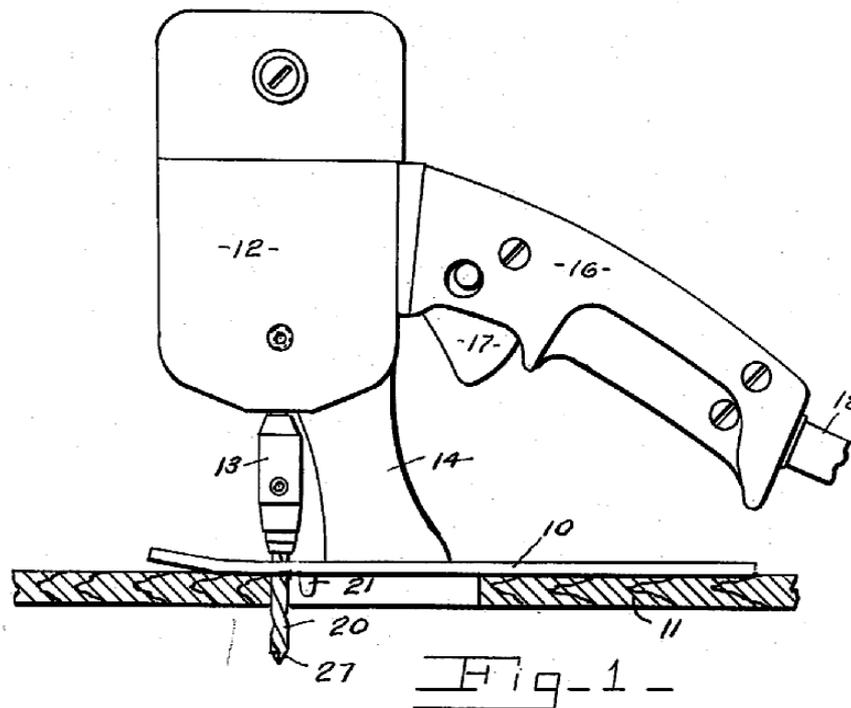


Fig. 1

- Smoothing, i.e. working one side only
- Thickening machines

- Machines for smoothing and subsequent thickening
- Machines for working several sides of work simultaneously
- Hand planes equipped with power-driven cutter blocks
- Arrangements for feeding work
- Other details or accessories

### Informative references

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

Cutter blocks; Other rotary cutting tools	<a href="#">B27G 13/00</a>
Machines designed for producing special profiles or shaped work, e.g. by rotary cutters; Equipment therefor	<a href="#">B27C 5/00</a>
Accessories fitted to machine tools for keeping tools or parts of the machine in good working condition or for cooling work; Safety devices specially combined with or arranged in, or specially adapted for use in connection with, machine tools	<a href="#">B23Q 11/00</a>

### Synonyms and Keywords

In patent documents the following expressions "jointer", "planer", "surface planer", "buzzer" and "flat top" are often used as synonyms.

### **B27C 3/00**

**Drilling machines or drilling devices; Equipment therefor (B23B takes precedence)**

### Informative references

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

Drill jigs	<a href="#">B23B 47/00</a>
General-purpose boring or drilling machines or devices	<a href="#">B23B 39/00</a>

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## B27C 5/00

Machines designed for producing special profiles or shaped work, e.g. by rotary cutters; Equipment therefor (turning B27C7/00; features of copying devices B23Q35/00 ; slotting, mortising, making tongues or grooves B27F)

### References relevant to classification in this group

*This subclass/group does not cover:*

Turning	<a href="#">B27C 7/00</a>
Features of copying devices	<a href="#">B23Q 35/00</a>
Slotting, mortising, making tongues or grooves	<a href="#">B27F</a>

## B27C 7/00

Wood-turning machines; Equipment therefor (B23B, B23G, B23Q, take precedence; features of copying devices B23Q35/00 )

### Informative references

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

Features of copying devices	<a href="#">B23Q 35/00</a>
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## B27C 9/00

Multi-purpose machines; Universal machines; Equipment therefor

### Definition statement

*This subclass/group covers:*

Machines that are useful for many purposes, e.g., convertible machines.

### Informative references

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

Multi-step processes	<a href="#">B27M 1/08</a>
Machines designed for producing special profiles or shaped work, e.g. by rotary cutters	<a href="#">B27C 5/00</a>
Slotting, mortising, making tongues or grooves	<a href="#">B27F</a>