**A43D**

**MACHINES, TOOLS, EQUIPMENT OR METHODS FOR MANUFACTURING OR REPAIRING FOOTWEAR**

**Definition statement**

*This place covers:*

All the machines and tools to build a shoe. Each group relates to a machine, or a step of the production. Most of them are explicit. A more detailed explanation will be given to the others.

**Special rules of classification**

*A43D 2200/00* used to provide additional information on those machines, information independent from the type of machine e.g. when they are provided with a magazine for blanks, etc...

**A43D 1/00**

**Foot or last measuring devices; Measuring devices for shoe parts**

**Definition statement**

*This place covers:*

Essentially (but not necessarily) in order to build a model in order to produce a shoe.

**Relationships with other classification places**

*A43D 8/26* and subgroups relate to the marking of future work.

**A43D 3/00**

**Lasts**

**Definition statement**

*This place covers:*

Lasts and shoe trees.

**Glossary of terms**

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

<table>
<thead>
<tr>
<th>Term</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Last</td>
<td>a foot shape form used to build a shoe</td>
</tr>
<tr>
<td>Shoe tree</td>
<td>a foot shape form used to put inside a shoe in order to maintain over time its original shape, they are sometimes nevertheless still denominated lasts</td>
</tr>
</tbody>
</table>
A43D 8/00
Machines for cutting, ornamenting, marking or otherwise working up shoe part blanks (pulling-over or lasting A43D 9/00 - A43D 23/00; making or fastening soles, heels or welts A43D 25/00 - A43D 83/00)

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

<table>
<thead>
<tr>
<th>Pulling-over or lasting</th>
<th>A43D 9/00 - A43D 23/00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Making or fastening soles, heels or welts</td>
<td>A43D 25/00 - A43D 83/00</td>
</tr>
</tbody>
</table>

A43D 9/00
Devices for binding the uppers upon the lasts (for the toe ends A43D 15/00)

References
Limiting references
This place does not cover:

| For the toe ends | A43D 15/00 |

A43D 15/00
Pulling-over or lasting machines for binding the toe end with cord, string, or wire; Machines for lasting with clamps; Lasting machines with sewing devices, also for platform shoes (special sewing machines for leather or shoes D05B)

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

| Special sewing machines for leather or shoes | D05B |

A43D 23/00
Single parts for pulling-over or lasting machines (nailing devices A43D 75/00)

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

| Nailing devices | A43D 75/00 |
A43D 25/00
Devices for gluing shoe parts

Special rules of classification
As far as the technique used is moulding B29D 35/10 is the relevant group.

A43D 27/00
Machines for trimming as an intermediate operation (working on edges or margins, e.g. by trimming, of shoe part blanks A43D 8/32; trimming as a finishing operation in shoemaking A43D 87/00)

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

<table>
<thead>
<tr>
<th>Working on edges or margins, e.g. by trimming, of shoe part blanks</th>
<th>A43D 8/32</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trimming as a finishing operation in shoemaking</td>
<td>A43D 87/00</td>
</tr>
</tbody>
</table>

A43D 33/00
Machines for assembling lifts for heels (cutting-out heel lifts A43D 8/02)

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

<table>
<thead>
<tr>
<th>Cutting-out heel lifts</th>
<th>A43D 8/02</th>
</tr>
</thead>
</table>

A43D 35/00
Presses for shaping pre-existing loose soles, shoe bottoms or soles fixed to shoe bottoms (glueing soles on shoe bottoms A43D 25/06)

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

| Glueing soles on shoe bottoms                              | A43D 25/06 |
A43D 43/00
Machines for making stitch lips, or other preparatory treatment of soles or insoles before fixing same (flexing of soles or insoles A43D 8/52)

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

| Flexing of soles or insoles | A43D 8/52 |

A43D 69/00
Shoe-nailing machines (nailing machines in general B27F)

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

| Nailing machines in general | B27F |

A43D 87/00
Edge or heel cutters; Machines for trimming the heel breast (trimming machines for wooden heels B27M; copying machines B44B)

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

| Trimming machines for wooden heels | B27M |
| Copying machines | B44B |

A43D 98/00
Machines for making laces (of leather C14B; braidings in general D04C); Applying fibre or celluloid to ends of laces (making tags from metal sheet B21D; from wire B21F)

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

| Making tags from metal sheet | B21D |
| Making tags from from wire | B21F |
| Machines for making laces of leather | C14B |
| Braiding in general | D04C |