

# CPC COOPERATIVE PATENT CLASSIFICATION

## C CHEMISTRY; METALLURGY

(NOTES omitted)

### CHEMISTRY

#### C14 SKINS; HIDES; PELTS; LEATHER

#### C14B MECHANICAL TREATMENT OR PROCESSING OF SKINS, HIDES OR LEATHER IN GENERAL; PELT-SHEARING MACHINES; INTESTINE-SPLITTING MACHINES (making leather substitutes [B29](#), [D06N](#); making articles from leather [B68F](#); mechanical cleaning of hides or the like [D06G](#); artificial leather [D06N](#))

##### WARNING

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.

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| <p><b>1/00</b>    <b>Manufacture of leather; Machines or devices therefor</b> {(machines specially adapted for forming upper shoe blanks or shoe leggings by stretching <a href="#">A43D 8/003</a>)}</p> <p>1/02    .    Fleshing, unhairing, samming, stretching-out, setting-out, shaving, splitting, or skiving skins, hides, or leather</p> <p>1/04    .    .    using slicking, scraping, or smoothing-out cylinders or blades fixed on supports, e.g. cylinders, in a plane substantially at right angles to the working surface</p> <p>1/06    .    .    in machines in which the working piece is maintained in contact with the working tools solely by means of rolls</p> <p>1/08    .    .    in machines with flexible bands as bed supporting or counter-pressure elements</p> <p>1/10    .    .    in machines with drums with cylindrical, conical, or similar surfaces for supporting the whole working piece</p> <p>1/12    .    .    in machines with plane supporting bed-plates</p> <p>1/14    .    .    using tools cutting the skin in a plane substantially parallel to its surface</p> <p>1/16    .    .    using fixed or reciprocating knives</p> <p>1/18    .    .    using band knives</p> <p>1/20    .    .    using circular dished or coned knives</p> <p>1/22    .    .    using cylindrical knives</p> <p>1/24    .    .    Cutting or shearing hairs without cutting the skin (shearing furs and plucking hairs for fur manufacturing purposes <a href="#">C14B 15/02</a>)</p> <p>1/26    .    Leather tensioning or stretching frames; Stretching-machines; Setting-out boards; Pasting boards (pasting processes <a href="#">C14B 1/60</a>; fastening devices <a href="#">C14B 17/08</a>)</p> <p>1/28    .    Machines for treating leather combined with devices for measuring and printing</p> <p>1/30    .    Pressing or rolling leather</p> <p>1/32    .    .    by linear movement of the pressing elements</p> <p>1/34    .    .    by rotating movement of the pressing or rolling elements</p> <p>1/36    .    .    Bridge leather-rolling machines</p> <p>1/38    .    Hammering leather</p> | <p>1/40    .    Softening or making skins or leather supple, e.g. by staking, boarding, or crippling machines, by dry mills</p> <p>1/42    .    .    by means of a rotatable drum with radial blades</p> <p>1/44    .    Mechanical treatment of leather surfaces</p> <p>1/46    .    .    Fluffing, buffing, or sanding</p> <p>1/48    .    .    Roughening (<a href="#">by sanding C14B 1/46</a>)</p> <p>1/50    .    .    Glazing</p> <p>1/52    .    .    Brushing or plush-wheeling</p> <p>1/54    .    .    Ironing (<a href="#">pressing or rolling C14B 1/30</a>)</p> <p>1/56    .    .    Ornamenting, producing designs, embossing (<a href="#">pressing or rolling in general C14B 1/30</a>; <a href="#">producing design on furs C14B 15/12</a>)</p> <p>1/58    .    Drying</p> <p>1/60    .    .    Pasting processes (<a href="#">pasting boards C14B 1/26</a>; <a href="#">chemical part C14C 7/00</a>)</p> <p>1/62    .    Winding or stacking hides or leather</p> <p><b>3/00</b>    <b>Milling leather</b></p> <p><b>5/00</b>    <b>Clicking, perforating, or cutting leather</b> (for shoe parts, e.g. soles, <a href="#">A43D</a>; apparatus not specially adapted for leather <a href="#">B26D</a>)</p> <p>5/02    .    Stamps or dies for leather articles</p> <p>5/04    .    for making leather belts or strips</p> <p>5/06    .    .    Machines for cutting strips spirally from discs of leather</p> <p><b>7/00</b>    <b>Special leathers and their manufacture</b></p> <p>7/02    .    Composite leathers (<a href="#">with one or more laminae of plastics material B32B</a>)</p> <p>7/04    .    .    by cementing or pressing together leather pieces, strips or layers, Reinforcing or stiffening leather by means of reinforcing layers</p> <p>7/06    .    Leather webs built up of interengaged strips or pieces, e.g. by braiding</p> <p><b>9/00</b>    <b>Making driving belts or other leather belts or strips</b></p> <p><b>11/00</b>    <b>Finishing the edges of leather pieces, e.g. by folding, by burning</b> (<a href="#">milling C14B 3/00</a>)</p> |
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<b>13/00</b>	<b>Shredding hides or leather (shredding in general <a href="#">B02C</a>)</b>	2700/11	. Machines or apparatus for cutting or milling leather or hides
<b>15/00</b>	<b>Mechanical treatment of furs</b>	2700/113	. . Cutting presses
15/005	. { <a href="#">Tumbling furs or pelts in a rotating drum</a> }	2700/116	. . Perforating machines
15/02	. Shearing; Removing dead or coarse hairs or bristles by shearing or plucking	2700/12	. Pressing or rolling leather
15/04	. Fur dressing	2700/14	. Processes or apparatus for setting-out, smoothing, ironing or polishing leather or hides
15/06	. . Fur-stretching devices	2700/16	. Machines for glazing, plush-wheeling or brushing
15/08	. Application of reinforcing or stiffening layers to fur skins	2700/18	. Machines for producing designs on leather
15/10	. Cutting furs; Making fur plates or strips	2700/185	. . by means of a bridge leather-rolling machine
15/12	. Finishing, e.g. pointing furs; Producing designs or patterns	2700/20	. Processes or apparatus for making leather belts
<b>17/00</b>	<b>Details of apparatus or machines for manufacturing or treating skins, hides, leather, or furs</b>	2700/21	. Stretching machines or frames for belts
17/005	. { <a href="#">Inspecting hides or furs</a> }	2700/23	. Machines for cutting the skin in a plane substantially parallel to its surface
17/02	. Blading cylinders or other working cylinders, e.g. slicking or scraping cylinders	2700/25	. Cutting or shearing hairs without cutting the skin
17/04	. Work-supports or other counter-pressing elements; Bed rolls or counter-pressing rolls	2700/26	. Tools for tanning
17/06	. Work feeding or clamping devices	2700/27	. Rotating drums for treating leather
17/08	. . Fastening devices, e.g. clips for leather-stretching	2700/28	. Processes or apparatus for the mechanical treatment of hides or leather not provided for in groups <a href="#">C14B 2700/01</a> - <a href="#">C14B 2700/27</a>
17/10	. Arrangements for driving parts of leather-working machines		
17/12	. Safety devices specially adapted for leather-working machines		
17/14	. Auxiliary devices for leather-working machines, e.g. grinding devices for blading cylinders or dust-removal devices combined with the working machines		
17/16	. { <a href="#">Inspecting hides or furs</a> }		
<b>19/00</b>	<b>Hand tools specially adapted for the treatment of hides, skins, or leather in the manufacture of leather and furs (equipment and tools for saddlery <a href="#">B68C</a>)</b>		
<b>21/00</b>	<b>Splitting intestines; Cutting intestines longitudinally (cleaning or cutting intestines during processing of meat <a href="#">A22C 17/00</a>)</b>		
<b>99/00</b>	<b>Subject matter not provided for in other groups of this subclass</b>		
<b>2700/00</b>	<b>Mechanical treatment or processing of skins, hides or leather in general; Pelt-shearing machines; Making driving belts; Machines for splitting intestines</b>		
2700/01	. Machines or devices for treating skins, hides or leather in general, e.g. fleshing, unhairing, samming, stretching-out, setting-out		
2700/013	. . using circular, cylindrical or band knives		
2700/016	. . using slicking, scraping, or smoothing-out cylinders		
2700/02	. Machines or devices for treating skins, hides and leather using cylinders with helical blades and a tensioning cylinder, cylindrical or conical working table		
2700/07	. Leather tensioning or stretching frames; Stretching-machines; Setting-out boards; Pasting boards; Fastening devices; Drying of leather		
2700/10	. Processes and machines for splitting leather and devices for measuring and printing on hides		