

# 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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|------|--|--------------|---|
| 1/00 | <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> )}              | 1/40         | . Softening or making skins or leather supple, e.g. by staking, boarding, or crippling machines, by dry mills   |
| 1/02 | . Fleshing, unhairing, samming, stretching-out, setting-out, shaving, splitting, or skiving skins, hides, or leather   | 1/42         | . . by means of a rotatable drum with radial blades   |
| 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                            | 1/44         | . Mechanical treatment of leather surfaces  |
| 1/06 | . . . in machines in which the working piece is maintained in contact with the working tools solely by means of rolls  | 1/46         | . . Fluffing, buffing, or sanding   |
| 1/08 | . . . in machines with flexible bands as bed supporting or counter-pressure elements   | 1/48         | . . Roughening (by sanding <a href="#">C14B 1/46</a> )  |
| 1/10 | . . . in machines with drums with cylindrical, conical, or similar surfaces for supporting the whole working piece   | 1/50         | . . Glazing   |
| 1/12 | . . . in machines with plane supporting bed-plates   | 1/52         | . . Brushing or plush-wheeling  |
| 1/14 | . . using tools cutting the skin in a plane substantially parallel to its surface  | 1/54         | . . Ironing (pressing or rolling <a href="#">C14B 1/30</a> )  |
| 1/16 | . . . using fixed or reciprocating knives  | 1/56         | . . Ornamenting, producing designs, embossing (pressing or rolling in general <a href="#">C14B 1/30</a> ; producing design on furs <a href="#">C14B 15/12</a> )       |
| 1/18 | . . . using band knives  | 1/58         | . Drying  |
| 1/20 | . . . using circular dished or coned knives  | 1/60         | . . Pasting processes (pasting boards <a href="#">C14B 1/26</a> ; chemical part <a href="#">C14C 7/00</a> )   |
| 1/22 | . . . using cylindrical knives   | 1/62         | . Winding or stacking hides or leather  |
| 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> )   | <b>3/00</b>  | <b>Milling leather</b>  |
| 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> ) | <b>5/00</b>  | <b>Clicking, perforating, or cutting leather (for shoe parts, e.g. soles, <a href="#">A43D</a>; apparatus not specially adapted for leather <a href="#">B26D</a>)</b> |
| 1/28 | . Machines for treating leather combined with devices for measuring and printing   | 5/02         | . Stamps or dies for leather articles   |
| 1/30 | . Pressing or rolling leather  | 5/04         | . for making leather belts or strips  |
| 1/32 | . . by linear movement of the pressing elements  | 5/06         | . . Machines for cutting strips spirally from discs of leather  |
| 1/34 | . . by rotating movement of the pressing or rolling elements   | <b>7/00</b>  | <b>Special leathers and their manufacture</b>   |
| 1/36 | . . . Bridge leather-rolling machines  | 7/02         | . Composite leathers (with one or more laminae of plastics material <a href="#">B32B</a> )  |
| 1/38 | . Hammering leather  | 7/04         | . . by cementing or pressing together leather pieces, strips or layers, Reinforcing or stiffening leather by means of reinforcing layers                              |
|      |  | 7/06         | . Leather webs built up of interengaged strips or pieces, e.g. by braiding  |
|      |  | <b>9/00</b>  | <b>Making driving belts or other leather belts or strips</b>  |
|      |  | <b>11/00</b> | <b>Finishing the edges of leather pieces, e.g. by folding, by burning (milling <a href="#">C14B 3/00</a>)</b>   |

13/00	<b>Shredding hides or leather (shredding in general B02C)</b>	2700/113 . . Cutting presses
		2700/116 . . Perforating machines
		2700/12 . Pressing or rolling leather
		2700/14 . Processes or apparatus for setting-out, smoothing, ironing or polishing leather or hides
15/00	<b>Mechanical treatment of furs</b>	2700/16 . Machines for glazing, plush-wheeling or brushing
15/005	. {Tumbling furs or pelts in a rotating drum}	2700/18 . Machines for producing designs on leather
15/02	. Shearing; Removing dead or coarse hairs or bristles by shearing or plucking	2700/185 . . by means of a bridge leather-rolling machine
15/04	. Fur dressing	2700/20 . Processes or apparatus for making leather belts
15/06	. . Fur-stretching devices	2700/21 . Stretching machines or frames for belts
15/08	. Application of reinforcing or stiffening layers to fur skins	2700/23 . Machines for cutting the skin in a plane substantially parallel to its surface
15/10	. Cutting furs; Making fur plates or strips	2700/25 . Cutting or shearing hairs without cutting the skin
15/12	. Finishing, e.g. pointing furs; Producing designs or patterns	2700/26 . Tools for tanning
17/00	<b>Details of apparatus or machines for manufacturing or treating skins, hides, leather, or furs</b>	2700/27 . Rotating drums for treating leather
17/005	. {Inspecting hides or furs}	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>
17/02	. Blading cylinders or other working cylinders, e.g. slicking or scraping cylinders	
17/04	. Work-supports or other counter-pressing elements; Bed rolls or counter-pressing rolls	
17/06	. Work feeding or clamping devices	
17/08	. . Fastening devices, e.g. clips for leather-stretching	
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	
19/00	<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 B68C)</b>	
21/00	<b>Splitting intestines; Cutting intestines longitudinally (cleaning or cutting intestines during processing of meat A22C 17/00)</b>	
99/00	<b>Subject matter not provided for in other groups of this subclass</b>	
2700/00	<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	
2700/11	. Machines or apparatus for cutting or milling leather or hides	